FINAL ENGINEERING REPORT

for

12096 FLATLANDS AVENUE SITE

30 Inspiration Lane
F/K/A 12096 Flatlands Avenue
Kings County
Brooklyn, New York

NYSDEC Site Number: C224290

Prepared for:

Innovative Urban Living, LLC
IUV Phase 1 Owner, LLC
IUV Phase 1 LIHTC Owner, LLC
c/o Gotham Organization, LLC
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JUNE 2025

100688801

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CERTIFICATIONS

I, Ronald D Boyer, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan dated 18 December 2023.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the implementation of Institutional Controls required for the Site and that such plan has been approved by the Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Ronald D. Boyer, of Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C., am certifying as Owner's Designated Site Representative and I have been authorized and designated by all site owners to sign this certification for the site.

NYS Professional Engineer # 085831	6/16/25 Date	Ronald D. Boyer Signature

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LIST OF ACRONYMS

Acronym	Definition
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
Bgs	Below grade surface
CAMP	Community Air Monitoring Plan
CFR	Code of Federal Regulations
CHASP	Construction Health and Safety Plan
CVOC	Chlorinated Volatile Organic Compound
CPP	Citizen Participation Plan
DER	Division of Environmental Remediation
DGA	Dense Grade Aggregate
DRO	Diesel Range Organics
DUSR	Data Usability Summary Report
EBC	Environmental Business Consultants
EC	Engineering Control
el.	Elevation
ELAP	Environmental Laboratory Approval Program
EPH	Extractable Petroleum Hydrocarbons
eV	Electron volt
FDNY	Fire Department of New York
FER	Final Engineering Report
GPR	Ground Penetrating Radar
GRO	Gasoline Range Organics
IC	Institutional Control
IRM	Interim Remedial Measure
LDR	Land Disposal Restrictions
mg/L	Milligrams per liter
mg/kg	Milligrams per kilogram
Mil	Thousandths of an inch
NAVD88	North American Vertical Datum of 1988
NJDEP	New Jersey Department of Environmental Protection
NYCDEP	New York City Department of Environmental Protection
NYCDOB	New York City Department of Buildings
NYCOER	New York City Office of Environmental Remediation
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
OSHA	Occupational Safety and Health Administration
PBS	Petroleum Bulk Storage
PCB	Polychlorinated Biphenyl

Acronym	Definition
PID	Photoionization Detector
PM10	Particulates less than 10 micrometers in diameter
PPE	Personal Protective Equipment
Ppm	Parts per million
QA/QC	Quality Assurance/ Quality Control
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RE	Remediation Engineer
RI	Remedial Investigation
RIR	Remedial Investigation Report
RU	Residential Use
RR	Restricted-Residential
SCO	Soil Cleanup Objective
SGV	NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values
SMMP	Soil/Materials Management Plan
SOE	Support of Excavation
SOP	Site Operations Plan
SVI	Soil Vapor Intrusion
SVOC	Semivolatile Organic Compound
TCE	Trichloroethene
TCLP	Toxicity Characteristic Leaching Procedure
TOGS	Technical and Operational Guidance Series
TPH	Total Petroleum Hydrocarbons
µg/m^3	Micrograms per cubic meter
UST	Underground Storage Tank
UTS	Universal Treatment Standards
UU	Unrestricted Use
VOC	Volatile Organic Compound

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

Innovative Urban Living, LLC entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) on 31 May 2019 to investigate and remediate the property located at 30 Inspiration Lane (formerly known as [f/k/a] 12096 Flatlands Avenue), Brooklyn, New York (Block 4434, Lot 10) (hereinafter the "Site"; see **Figure 1**), under the Brownfield Cleanup Program (BCP). The following BCA amendments were executed for the Site:

- Amendment 1: An initial BCA amendment was executed on 20 December 2023 to add additional Requestor - IUV Phase I Owner, LLC (as the beneficial owner) and to notice the Department that the current owner at this time - Christian Cultural Center, Inc. - on or before the date of the Construction Loan Closing, will transfer title of the Site to Urban Living Alternatives, LLC, which entity will then immediately transferred the Site to IUV Phase 1A Housing Development Fund Corporation. Urban Living Alternatives, LLC and IUV Phase 1A Housing Development Fund Corporation were not added to the BCA at this time.
- Amendment 2: A second BCA Amendment executed on 20 February 2024 to add IUV Phase 1 LIHTC Owner LLC as a new second prospective beneficial owner was added to the BCA as another BCP party.
- Amendment 3: A third BCA Amendment dated 21 June 2024 advised the NYSDEC that volunteer IUV Phase I Owner, LLC revised its name to IUV Phase 1 Owner, LLC and to advise that title transfer from Christian Cultural Center, Inc. occurred on 27 March 2024 to Urban Living Alternatives, LLC, which entity then immediately transferred the Site to IUV Phase 1A Housing Development Fund Corporation as the nominee title owner and to advise that IUV Phase 1 Owner, LLC and IUV Phase 1 LIHTC Owner LLC are the beneficial owners. Innovative Urban Living, LLC, IUV Phase 1 Owner, LLC, and IUV Phase 1 LIHTC Owner, LLC are collectively the "Volunteer." This third BCA amendment also identified the official revised Site address as 30 Inspiration Lane (f/k/a 12096 Flatlands Avenue).

The BCA and the amendments are included in **Appendix B**. The Site was remediated to a Track 2 Restricted-Residential Use.

After construction, the development will consist of two mixed-use commercial/residential buildings in the northern and southern portions of the Site with a single cellar level.

The Site is located in the East New York neighborhood of Brooklyn, New York and is identified as Block 4434 and Lot 10 on the Kings County Tax Map. The Site is situated on an approximately 1.572-acre area bounded by Flatlands Avenue followed by a gasoline filling station, automotive repair facility, carwash, and Sheffield Avenue to the north, a 12-story multi-family residential building to the south, Pennsylvania Avenue followed by a vacant landscaped lot and the northern courtyard of a 20-story residential building (part of the Starrett City Complex) to the east, and BCP Site No. C224353 (12074 Flatlands Avenue) to the west. A Site Location Map is provided as **Figure 1**.

According to the Boundary and Topographic Survey prepared by Control Point Associates Inc. signed 14 October 2021, pre-construction elevations around the Site sloped gently downward from the southwest (elevation [el] 20) to the northeast (el 13.5). All elevations are North American Vertical Datum of 1988 (NAVD 88). The BCP Site layout is provided as **Figure 2**. The boundaries of the Site are fully described in the environmental easement provided in **Appendix A**.

According to a Phase I Environmental Site Assessment (ESA) completed by Langan in August 2018, the Site originally consisted of marshlands and was filled in during the early 1900's with ash and waste from the city solid waste incinerator. Historical site operations include a gasoline filling and service station (between 1949 and 1965) and automotive wrecking and dismantling (between 1967 and 1987). The Former On-Site Gasoline Filling Station, Former On-Site Automotive Dismantling/Wrecking and Presence of Historic Fill as recognized environmental conditions (RECs) and the potential presence of undocumented underground storage tanks (USTs) and potential for subsurface impacts from surrounding sites as business environmental risks (BERs). Langan performed a Limited Due Diligence Phase II Environmental Investigation in 2018, a Remedial Investigation in 2021, and a Supplemental Remedial Investigation in 2023, which identified elevated concentrations of semi-volatile organic compounds (SVOCs), metals, pesticides, polychlorinated biphenyls (PCBs), and per- and polyfluoroalkyl substances (PFAS) in soil; SVOCs, metals, and PFAS in groundwater; and low-levels of petroleum-related volatile organic compounds (VOCs) and chlorinated VOCs in one sample in soil vapor.

Remediation was performed concurrently with commencement of Site development activities. The remediation incorporated all Site preparation activities including the installation of a support of excavation (SOE) system and Site-wide soil excavation to approximately 15 feet below ground surface (bgs). The redevelopment project includes the construction of two mixed-use commercial/residential buildings in the northern and southern portions of the Site with a single cellar level with an approximate area of 58,396 square feet across the majority of the Site

footprint. A publicly accessible private roadway will be constructed at street level on the western portion of the Site.

This Final Engineering Report (FER) documents the remedial actions implemented in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP) for Track 2 Restricted-Residential Use.

An electronic copy of this FER with all supporting documentation is included as **Appendix S**.

2.0 SUMMARY OF SITE REMEDY

2.1 Remedial Action Objectives

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this site.

- **Groundwater**

  RAOs for Public Health Protection

  - Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.

  RAOs for Environmental Protection

  - Remove the source of ground or surface water contamination.

- **Soil**

  RAOs for Public Health Protection

  - Prevent ingestion/direct contact with contaminated soil.

- **Soil Vapor**

  RAOs for Public Health Protection

  - Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

2.2 Implementation of the Selected Remedy

The Site was remediated in accordance with the RAWP dated 18 December 2023 and the Decision Document (DD) dated January 2024. The RAWP evaluated several remedial alternatives and selected a Track 1 Unrestricted Use remedy to address impacted soil, groundwater, and soil vapor; however, the results of the endpoint soil sampling revealed the presence of contamination at concentrations exceeding the Unrestricted Use Soil Cleanup Objectives (SCOs). As such, a Track 2 Restricted-Residential remediation was completed in accordance with the contingent Track 2 alternative presented in the RAWP.

The factors considered during the selection of the remedy are those listed in 6 New York Codes Rules and Regulations (NYCRR) § 375-1.8. As required in the DD, the remedy was evaluated with respect to green and sustainable remediation principles. A summary of Best Management Practices related to green remediation is presented in Section 4.2.6.

The following activities were completed during implementation of the remedy:

2.2.1 Remedial Design

A remedial design program was implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program.

Green remediation principles and techniques were implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components listed in the Decision Document are as follows:

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals;

- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development; and
- Additionally, to incorporate green remediation principles and techniques to the extent feasible in the future development at this site, any future on-site buildings shall be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction.

As part of the remedial design program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis was completed using SiteWise™, an accepted environmental footprint analysis calculator. Water consumption, greenhouse gas emissions, renewable and non- renewable energy use, waste reduction and material use were estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, were incorporated into the remedial design program, as appropriate. The SiteWise™ footprint analysis summary is provided in Section 3.11.1.

Additionally, the remedial design program included a Climate Screening Checklist, to evaluate the impact of climate change on the Site and the proposed remedy. Climate resiliency is discussed in Section 3.11.2.

2.2.2 Excavation

Excavation and off-site disposal of contaminant source areas, including:

- any underground storage tanks (USTs), fuel dispensers, underground piping or other structures associated with a source of contamination; and
- grossly contaminated soil, as defined in 6 NYCRR Part 375-1.2(u).

Contaminated materials removal is discussed in detail in Section 3.3. Approximately 60,598.96 tons of non-hazardous contaminated material were removed from 0 to 15 feet bgs across the entire Site footprint. Approximately 569.26 tons of hazardous materials were removed from between 4 and 22 feet bgs. The extents of the remedial excavation are included on **Figure 3A**.

A pre-design investigation (PDI) was completed in February 2024 to evaluate the potential final excavation extents that would be required for the hotspots identified in the RAWP to meet a Track 1 cleanup. However, the initial remedial excavation endpoint sample analytical results revealed the presence of contamination at concentrations exceeding the Track 1 Unrestricted

Use SCOs. As required by the Decision Document, Langan transmitted the analytical results of the PDI samples collected in February 2024 and the initial endpoint samples collected in August 2024 to the Department via email on 4 September 2024. During a call on 4 September 2024, a Track 2 Restricted-Residential remediation was proposed to be completed in accordance with the Track 2 alternative presented in the RAWP instead of the Track 1 Unrestricted Use remedy that had originally been selected. Based on the revised remediation approach, excavation of the six hotspots identified the RAWP located deeper than the Track 2 remedial excavation depth of 15-feet bgs would not be required for the remedial action. In an email dated 5 September 2024, the Department confirmed the revised remediation approach. The PDI analytical results are discussed in detail in Section 3.3.2. Post-excavation endpoint analytical results are discussed in detail in Section 3.5.1.

Eleven USTs were discovered during the implementation of the remedial action in the northern portion of the Site and beneath the sidewalk adjacent to Pennsylvania Avenue. The removal and decommissioning of the USTs are discussed in Section 3.3.5.

2.2.3 Backfill

Clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) was imported to replace the excavated soil and establish the designed grades at the Site. On-site soil which did not exceed the excavation criteria was also used to backfill excavation areas to establish the designed grades.

On-Site soil reuse is discussed in detail in Section 3.4. Imported materials is discussed in detail in Section 3.9. Approximately 11,130.5 tons of quarry stone, DGA, clean sand, and clean fill were imported to the Site for backfilling purposes. Soil reuse source areas and placement and imported backfill placement are presented on **Figures 6 and 7**, respectively.

2.2.4 Groundwater Extraction & Treatment

Dewatering activities were conducted under a NYCDEP-approved Groundwater Discharge permit and a NYSDEC-approved Long Island Well permit when the excavation area extended beyond the groundwater table. Dewatering activities are summarized in Section 3.2.6.

2.2.5 Vapor Intrusion Evaluation

The soil vapor intrusion evaluation is summarized in Section 3.10.

2.2.6 Institutional Control

Imposition of an institutional control in the form of an environmental easement for the controlled property which:

- Requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- Allows the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- Restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOHMH; and,
- Requires compliance with the Department approved Site Management Plan.

A copy of the easement and proof of filing is provided in **Appendix A**.

2.2.7 Site Management Plan

A Site Management Plan was prepared and submitted to the NYSDEC for approval, which includes the following:

- An Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
    - Institutional Controls: The Environmental Easement discussed in Section 3.9.

    This plan includes, but may not be limited to:

    - An Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
    - Descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
    - A provision for evaluation of the potential for soil vapor intrusion for any occupied buildings on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;

- Maintaining site access controls and Department notification; and
- The steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

- A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:
  - a schedule of monitoring and frequency of submittals to the Department;
  - monitoring for vapor intrusion for any buildings on the site, as may be required by the Institutional and Engineering Control Plan discussed above.

3.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted between 16 April and 20 November 2024 in accordance with the 18 December 2023 RAWP and the January 2024 Decision Document for the Site. Langan documented remedial activities in daily Site observation reports, which included a description of work activities, sampling, disposal and import logs, Site maps, and photographic documentation of remediation progress. Monthly progress reports were prepared that included a summary of the remediation progress, disposal and import quantities, and sampling results for each reporting period. Daily and monthly reports were provided to NYSDEC throughout remediation and are included in **Appendix C**.

3.1 Governing Documents

3.1.1 Site Specific Health & Safety Plan (HASP)

Remedial work documented in this FER was implemented in compliance with governmental requirements, including site and worker safety requirements mandated by Federal Occupational Safety and Health Administration (OSHA). All documented remedial and invasive work complied with the provisions of the site-specific CHASP, which met the requirements of 29 CFR 1910 and 29 CFR 1926 (which includes 29 CFR 1910.120 and 29 CFR 1926.65). The CHASP included, but was not limited to:

- Organization and identification of key personnel;
- Training requirements;
- Medical surveillance requirements;
- List of site hazards;
- Excavation safety;

- Work zone descriptions;
- Personal safety equipment and protective clothing requirements;
- Decontamination requirements;
- Standard operating procedures;
- Protective measure plan;
- CAMP; and,
- Safety Data Sheets.

3.1.2 Quality Assurance Project Plan

The Quality Assurance Project Plan (QAPP) was included in the RAWP as Appendix E. The QAPP describes the specific policies, objectives, organization, functional activities, and quality assurance/ quality control activities designed to achieve the project data quality objectives.

3.1.3 Soil/Materials Management Plan

The Soil/Materials Management Plan (SMMP) was included in Section 5.4 of the RAWP and provided detailed plans for managing soil/materials that were disturbed during implementation of the remedy, including excavation, handling, storage, transport and disposal, and nuisance mitigation measures. Remediation and construction were conducted using conventional hydraulic equipment and hand tools.

3.1.3.1 Soil Screening

Excavated material was screened for visual, olfactory, and instrumental evidence of a chemical or petroleum release by a field engineer, geologist, or scientist under the direction of the Remedial Engineer. Instrumental soil screening was performed with a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp.

3.1.3.2 Soil Stockpiles

Where possible, excavated materials designated for off-site disposal were directly loaded into trucks for transport. When used, soil stockpiles were constructed for staging soil, pending loading for off-site disposal. Separate stockpile areas were constructed to avoid co-mingling materials of differing waste streams as needed. Stockpile areas met the following minimum requirements:

- Where material types were different (e.g., grossly petroleum-impacted material), excavated soil was placed onto a minimum thickness of 6-mil (thousandths of an inch)

low-permeability liner of sufficient strength and thickness to prevent puncture during use prior to disposal with like non-hazardous soil.

- Equipment and procedures were used to place and remove the soil such that the potential to jeopardize the integrity of the liner was minimized.
- Stockpiles located at or above sidewalk grade were covered at the end of each workday with minimum 6-mil plastic sheeting or tarps, which were securely anchored to the ground.
- Stockpile areas were inspected daily, and noted deficiencies were promptly addressed.
- Individual stockpiles did not exceed approximately 1,000 cubic yards.

3.1.3.3 Load Out, Transport, and Off-Site Disposal Plan

The waste types and quantities of waste removed are described in Section 3.3. Non-hazardous contaminated material and contaminated fill impacted with hazardous concentrations of lead were removed and transported off-site for disposal. All excavated material was handled, transported, and disposed of in accordance with applicable Part 360 and Part 364 regulations and other applicable local, state, and federal regulations. The waste removal contractor provided the appropriate permits, certifications, and written commitments from disposal facilities accepting the material.

The RE reviewed the contractor's proposed disposal facilities to document permit compliance to accept the material. Non-hazardous contaminated soil was disposed of at facilities licensed to handle this material. Approval letters were provided on the facility's letterhead, and included the Site as the originating location, referenced the analytical data provided to and reviewed by the facility, and noted any restrictions on delivery schedules or other non-analytical conditions that may have caused rejection of transported materials. Hazardous contaminated soil was also generated during the remedial action, and the proposed disposal facilities were subject to the same review.

A Langan field engineer, geologist, or scientist observed the load-out of excavated material. Loaded vehicles leaving the Site were securely covered, manifested, and placarded in accordance with appropriate federal, state, and local requirements. Non-hazardous and hazardous materials were transported by waste removal contractors who possessed a valid New York State Part 364 Waste Transporter Permit, where applicable. A manifest system was used to document and track off-site movement of non-hazardous wastes and contaminated soil. A federal manifesting system was used for tracking and auditing hazardous wastes in accordance with federal (including 40 CFR Part 260), state (including 6 NYCRR Part 372) and local regulations.

3.1.3.4 Truck Traffic Control

Truck routes were selected by considering the following:

- Limiting transport through residential areas and past sensitive sites;
- Use of city-mapped truck routes;
- Minimizing to the extent possible off-site queuing of trucks entering the facility;
- Limiting the total distance to major highways;
- Safety in access to highways; and,
- Overall safety in transport.

Soil was removed from the exterior of outbound trucks before leaving the Site. Locations where vehicles entered or exited the Site were inspected daily for evidence of off-site sediment tracking. Truck tires were washed on the FODS Trackout Control System prior to exiting the Site.

Egress points for truck and equipment transport from the Site were routinely cleaned of excess Site materials. Cleaning of the adjacent street was performed as needed to maintain a clean condition with respect to Site-derived materials.

Truck traffic control and egress points are discussed in further detail in Section 3.2.2.

3.1.4 Storm-Water Pollution Prevention Plan

The erosion and sediment controls for all remedial construction were performed in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control and the Site-specific Storm Water Pollution Prevention Plan (SWPPP), which was accepted by the New York City Department of Environmental Protection (NYCDEP) on 24 April 2024. The SWPPP acceptance form is included in Appendix D.

3.1.5 Community Air Monitoring Plan (CAMP)

The CAMP was developed in accordance with the requirements of NYSDEC DER-10 – Technical Guidance for Site Investigation and Remediation and with the provisions of the NYSDOH Generic CAMP to prevent off-site receptors, including residences and businesses, from exposure to potential airborne contaminant releases during intrusive field activities.

Continuous real-time monitoring for particulates and VOCs was performed during ground intrusive activities at the upwind and downwind perimeters of the work zone. The monitoring station locations were adjusted daily to reflect the dominant wind direction. The monitoring

stations included an Aeroqual AQS 1 Air Quality Monitor which utilizes a built-in dust and VOC monitor. A portable PID and ThermoFisher Scientific personal DataRam (pDR) were used to monitor particulate generation and VOCs in the work zone. The work zone and Site perimeters were visually monitored for fugitive dust emissions.

Action levels used for PM10 and VOCs were established in the CAMP included in Section 5.4.12 of the RAWP and the CHASP (Appendix D of the RAWP). Per the CAMP, the action level for particulates was set at 100 µg/m3 above background for a 15-minute average. The alert level (to assess perimeter Site conditions and apply dust suppression as necessary) for particulates was set at 100 µg/m3 above background for a 15-minute average. Action level for VOCs was set at 25 parts per million (ppm) for instantaneous readings above background and 5 ppm above background for a 15-minute average.

Field personnel observed ambient air conditions to check for visible dust emissions and/or odors. Visible dust, nuisance odors, and/or vapors were not observed during the remedial action. CAMP results are discussed in Section 3.2.5.

3.1.6 Contractors Site Operations Plans (SOPs)

Site Operations Plans (SOP) for this remedial project consisted of construction specifications, including safety, health and emergency response, excavation, storage, handling, transport, and disposal specifications. The Remediation Engineer reviewed plans and submittals directly related to the remediation to verify compliance with the RAWP.

3.1.7 Community Participation Plan

The Citizen Participation Plan (CPP) lends transparency to remediation projects by providing the public with information on the proposed plans and an outlet to voice concerns to limit the impact a remediation project may have on the surrounding community. The CPP established a protocol for citizen participation, including creating a document repository to contain a copy of all applicable project documents. A certification of mailing was sent to the NYSDEC project manager following the distribution of all Fact Sheets and notices that included: (1) certification that the Fact Sheets were mailed; (2) the date they were mailed; (3) a copy of the Fact Sheets; (4) and a list of recipients (contact list). Furthermore, no changes were made to Fact Sheets authorized for release by NYSDEC without written consent of the NYSDEC.

Document repositories were established at the following locations for the duration of the project and contain all applicable project documents:

Brooklyn Community Board No. 5

Melinda Perkins, District Manager
127 Pennsylvania Avenue, 2nd Floor
Brooklyn, New York 11207

Email: mperkins@cb.nyc.gov
Website:
https://www.brooklyncb5.org/

Spring Creek Library

12143 Flatlands Avenue
Brooklyn, NY 11207

Phone: (718) 257-6571
Hours (Call to verify):
Monday, Wednesday, Friday 10:00 a.m. to 6:00 p.m.
Tuesday 1:00 p.m. to 8:00 p.m.
Thursday 10:00 a.m. to 8:00 p.m.
Saturday 10:00 a.m. to 5:00 p.m.
Sunday - Closed

Documents were also posted on the NYSDEC DECinfo Locator website (https://www.dec.ny.gov/data/DecDocs/C224290/).

Following approval of the FER, a final Fact Sheet will be issued to notify the public that the Certificate of Completion (COC) has been issued.

3.2 Remedial Program Elements

3.2.1 Contractors and Consultants

Monadnock Construction, Inc. was the construction manager coordinating the remediation. Langan documented the remediation for compliance with the RAWP as the RE. The following entities were involved with the implementation of the remedial action:

Responsibility	Organization	Name	Contact Information
Volunteer/Owner	Innovative Urban Living, LLC IUV Phase 1 Owner, LLC IUV Phase 1 LIHTC Owner, LLC c/o Gotham Organization, LLC	Bryan Kelly	(212) 599-0520 bkelly@gothamorg.com
Construction Manager / General Contractor	Monadnock Construction, Inc	Jeremy Kyrkostas	(718) 875-8160 jkyrkostas@moncon.com
Foundation Contractor	United Concrete, LLC	Aldo Culber-Malomo	(212) 571-5555 Aldo@unitedconcretellc.com
Soil Broker	Clean Earth, Inc.	Kaila Ilyes	(866) 303-7344 kilyes@cleanearthinc.com
UST Decommissioning and Removal Contractor	Brookside Environmental, Inc	Richard Taylor	(561) 377-6300 rtaylor@brooksideweb.com
Dewatering Contractor	American Dewatering Grouting	Matthew Cichetti, PE	(845) 598-5018 Matt@americandewatering.com
Dewatering Designer and PE	Cicchetti Engineering	Matthew Cichetti, PE	(845) 598-5018 Matt@cichettiengineering.com

Responsibility	Organization	Name	Contact Information
Environmental Consultant (Project Manager)	Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	Amanda Forsburg, CHMM	(973) 560-4900 aforsburg@langan.com
Remedial Engineer	Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	Ronald Boyer, P.E.	(973) 560-4900 rboyer@langan.com
Quality Assurance Officer/DUSR Preparer	Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	Joe Conboy	(973) 560-4900 jconboy@langan.com
Analytical Laboratory	York Analytical Laboratories, Inc.	Allison Bennett	(203) 598-1371 abennett@yorklab.com

3.2.2 Site Preparation

A NYSDEC BCP pre-construction kickoff meeting was held with the Volunteer, NYSDEC, Langan, Monadnock, and United Concrete on 2 April 2024. This meeting was used to introduce the remediation team, discuss NYSDEC expectations, and identify the expected construction schedule for the BCP project.

The construction team mobilized to the Site during the week of 8 April 2024. Descriptions of mobilization and Site preparation activities are provided below.

- Identified the location of all aboveground and underground utilities (e.g., power, gas, water, sewer, telephone), equipment, and structures as necessary to implement the remedy.
- Mobilized necessary remediation personnel, equipment, and materials.
- Established a logistical zone on the property adjacent to the west on the 12074 Flatlands Avenue Site, BCP Site. No. 224353, to facilitate the remediation and construction of the Site. Establishment of the logistical zone was approved by NYSDEC on 4 April 2024.
- Established stabilized construction entrances as follows:
    - On the western border of the Site prior to entering the logistical zone, consisting of a FODS Trackout Control System, which was underlain by clean imported 1.5-inch virgin stone and a wastewater containment tank, in accordance with the 4 April 2024 Site Logistics Letter for the adjacent 12074 Flatlands Avenue (BCP Site No. C224353).

- On the northern border of the logistical zone to provide access from Flatlands Avenue and consisting of a FODS Trackout Control System, which was underlain by clean imported 1.5-inch virgin stone and a wastewater containment tank, in accordance with the RAWP for the 12074 Flatlands Avenue Site (BCP Site No. C224353).
- On the eastern border of the Site prior to exiting the Site to Pennsylvania Avenue consisting of a FODS Trackout Control System, which was underlain by clean imported 1.5-inch virgin stone and a wastewater containment tank, in accordance with the 4 April 2024 Site Logistics Letter for the adjacent 12074 Flatlands Avenue (BCP Site No. C224353).

- Installed erosion and sedimentation control measures in as necessary and in accordance with the SWPPP.
- Installed temporary construction fencing around the perimeter of the Site, including locked gates to limit unauthorized access to areas where remediation was being conducted.
- Obtained any required agency approvals and permits to implement remediation. Documentation of agency approvals is included in **Appendix D**.

3.2.3 General Site Controls

3.2.3.1 Site Security

The Site was secured during remedial activities as follows:

- Perimeter security fencing and access gates with locks were installed at the boundary of the Site to prevent access by unauthorized persons.
- No unauthorized personnel were permitted to access the work areas.
- Safe work practices were implemented, which included:
- Maintaining an organized work area, including the proper storage of tools, equipment, materials, and fuels;
- Warning tape and/or barricades placed around open excavations; and,
- Maintaining and covering stockpiles (see Section 3.1.3.2)

No problems were encountered with regards to Site security.

3.2.4 Nuisance Controls

3.2.4.1 Nuisances

Nuisances related to the remediation may include odors, dust, and truck traffic. No odors were observed to be generated by the remedial excavation. Dust suppression was conducted by spraying water on exposed soil and concrete prior to and during excavation and covering previously excavated and inactive portions of the Site in imported stone. Individual stockpiles did not exceed approximately 1,000 cubic yards and were inspected daily. Trucks stopped at a dedicated truck wash station consisting of a FODS Trackout Control System, which was underlain by clean imported 1.5-inch virgin stone and a wastewater containment, when entering and exiting the Site. During soil transport for off-site disposal, truck tires were washed with a hose prior to leaving the Site and runoff was containerized and discharged in accordance with the NYCDEP sewer discharge permit (Approval No. 24-C-8187-1). Sidewalks and roadways surrounding the Site were cleaned as necessary. Equipment decontamination was performed prior to handling new waste streams (i.e., hazardous and non-hazardous), in accordance with the RAWP and CHASP.

No problems or upsets were recorded with regards to odors, dust, stockpile management, and truck traffic during implementation of the Site remediation.

3.2.4.2 Complaints

No known complaints related to odors, dust, or waste transport were filed during Site remediation.

3.2.5 CAMP results

Air monitoring for particulates and VOCs was performed for ground-intrusive activities during the remedial action between 16 April 2024 and 20 November 2024. The CAMP was performed at upwind and downwind air monitoring stations using an Aeroqual AQS 1 Air Quality Monitor. Fifteen-minute running averages were calculated from the data recorded at each station. Averages from the downwind station were compared to the averages at the upwind station and reviewed for exceedances of the action levels established in the CAMP. Water was frequently applied throughout the implementation of the RAWP and stone cover over excavated areas was utilized to prevent the generation of dust.

The CAMP action levels were triggered on 3 days during the remedial action between 16 April 2024 and 20 November 2024; incident details, including reasons for the exceeding concentrations and corrective measures implemented are summarized in **Table 2**. Copies of all

CAMP data are provided in **Appendix E**; daily summaries of the CAMP data are provided in the daily reports in **Appendix C**.

3.2.6 Best Management Practices

Green remediation principles and techniques were implemented to the extent feasible in the implementation of the remedy as per DER-31. The major green and sustainable remediation (GSR) components are as follows:

- Installation of a vapor barrier membrane below the slab of the new building and along sidewalls of subgrade foundation elements beneath occupied spaces as a green remediation component. The GCP Applied Technologies vapor barrier system consists of PreProfe 300R Plus 46-mil grade membrane installed below the concrete slab and foundation elements, PreProfe 160R Plus along the southern and southwestern exteriors of the subsurface foundation walls, and a Bituthene 4000 membrane installed along the northern, northwestern, and eastern exteriors of the subsurface foundation walls to the first-floor grade. The vapor barrier membrane system specifications are included in **Appendix P**.
- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term.
- Reducing direct and indirect greenhouse gases and other emissions.
- Increasing energy efficiency and minimizing use of non-renewable energy.
- Conserving and efficiently managing resources and materials.
- Reducing waste, increasing recycling, and increasing reuse of materials that would otherwise be considered a waste.
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals.
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.
- Additionally, to incorporate the GSR principles and techniques to the extent feasible in the future development at this Site, any future on-Site buildings shall be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction.

The remedy included the implementation of several Best Management Practices (BMPs) related to these green remediation components, including but not limited to the following:

- Waste Generation
- Electrical Use
- Emissions
- Water Usage
- Land and/or Ecosystem

Waste Generation

Waste generation considers the management of waste associated with remedial activities and any waste reduction projects including, but not limited to, material reuse and recycling. Efforts made to minimize consumption of waste included use of a tablet for data collection rather than paper and segregating metallic debris and tanks identified within the fill material to be recycled. The metallic debris, including the cleaned USTs, were recycled at a local scrap metal facility in Brooklyn. Additionally, disposed material was beneficially reused as construction material and/or at landfills as alternative daily cover material in accordance with specifical facility and/or permit requirements.

Dewatering activities were conducted under a NYCDEP-approved Groundwater Discharge permit and a NYSDEC-approved Long Island Well permit when the excavation area extended beyond the groundwater table. The groundwater was removed from the ground via submersible pumps installed within dewatering wells, treated through three 18,000-gallon settling tanks, and then discharged to the NYC sewer system where the water was treated and returned to the freshwater system. The results of the daily gauging and the quarterly groundwater monitoring were transmitted to the Department in compliance with the permit requirements. The permits for dewatering are provided in **Appendix D**. The results of the daily gauging and quarterly groundwater monitoring are provided in **Appendix R**.

Additionally, rather than importing additional soil, virgin stone, or sand for the backfilling of foundation elements, soil that met the lower of the Track 2 Restricted-Residential Use Restricted Use Soil Cleanup Objectives (RUSCOs) and the Protection of Groundwater SCOs was reused under a NYSDEC-approved *Request to Import/Reuse Fill or Soil Form*, which is provided in **Appendix O**.

Electrical Energy Use

Energy usage considers the electricity usage needed for remediation activities. The job trailer for the Site was connected to public utilities. Rechargeable batteries for equipment used for perimeter and workzone air monitoring were turned off when not in use and charged within the job trailer.

Emissions

Emissions tracking considers fuel usage for transportation of personnel to and from the site, trucks used for export of contaminated material or import of backfill material, equipment and laboratory sample couriers, and construction equipment. Heavy machinery operations were encouraged to shut down to reduce idling time; machines were serviced regularly to maintain optimal performance. Public transportation was easily accessible to the Site. Equipment/sample deliveries and pickups will be consolidated to reduce transport needs at York Analytical Laboratories, Inc.'s Queens lab prior to being transported to the main Connecticut lab for analysis.

Water Usage

Water usage considers sources of water for tasks such as decontamination, irrigation, etc. Water was consumed at the truck wash station and was used as necessary for dust suppression. Additionally, stone was imported which decreased the need for water usage as dust suppression. Water was only consumed when necessary, and consumption was in accordance with local regulations.

Land and/or Ecosystems

Land and/or ecosystems consider any disturbances and restoration of land and/or ecosystems as part of the implementation/operation of the remedy. The Site was previously used as a parking lot. During implementation of the remedy, the Site cover was restored following remedial excavation and will require minimal to no maintenance. No ecosystems were disturbed during construction.

Further, progress with respect to GSR metrics were tracked during implementation of the remedial action and are summarized in Section 4.9 below.

3.2.7 Reporting

Field staff recorded personnel on-Site, a summary of work completed, a CAMP data summary, and the anticipated schedule of upcoming work in field books and daily reports. These data were used to track remediation progress, compliance with the RAWP, and summarize completed

remedial actions in monthly BCP reports for submission to the NYSDEC. All daily and monthly reports are included in **Appendix C**. The remediation photograph log is included in **Appendix F**.

3.3 Contaminated Materials Removal

Site-wide remedial excavation was performed to 15 feet bgs for the removal of material exceeding the Unrestricted Use SCOs and Restricted-Residential Use RUSCOs across the Site footprint and to 22 feet bgs for the removal of seven hazardous lead areas identified during the waste characterization investigation. Additional excavation for foundation construction was performed to between 15 and 22 feet bgs. Deeper localized excavation from 22 to about 28.5 feet bgs occurred for deeper construction foundation elements.

Remedial excavation was completed to 15 feet bgs to remove contaminated material to achieve the Track 2 Restricted-Residential Use cleanup. The Part 375 Restricted-Residential SCOs are summarized in **Table 1**. Confirmation elevation measurements and survey points were completed throughout all excavated areas of the Site to confirm achievement of the final grades and were communicated to the Langan field engineer on a routine basis.

Approximately 60,598.96 tons of non-hazardous contaminated material were removed from 0 to 15 feet bgs across the entire Site footprint. Approximately 569.26 tons of hazardous materials were removed from between 4 and 22 feet bgs. **Figure 3A** shows the extent of remedial excavation. **Figure 3B** shows a cross section of the 15-foot remedial excavation and the development depth of the Site.

The following wastes were removed during the remedial action:

- Non-hazardous contaminated material from 0 to 15 feet bgs;
- Hazardous lead-contaminated fill from 4 to 22 feet bgs;
- Eleven (11) USTs and associated contents; and,
- Non-hazardous contaminated material to the development depth with Unrestricted Use SCO and Track 2 Restricted-Residential Use RUSCO exceedances.

Limited material, generated during localized excavations for pile cap construction, was returned to the same area from where it was excavated, as indicated in the NYSDEC-approved *Request to Import/Reuse Fill or Soil Form*, which is provided in **Appendix O**. Site material was not reused as general backfill.

3.3.1 Waste Characterization Soil Sampling

All excavated material was handled, at a minimum, as a solid waste per 6 NYCRR Part 360. For soil requiring off-site disposal, the RE performed waste characterization sampling in accordance with both typical and specific requirements of disposal facilities serving the New York City area and those ultimately chosen to accept the material disposed of from the Site, respectively. Samples were collected to be representative of the material to be excavated.

Waste pre-characterization samples were collected in 2023 and 2024 and prior to the start of Site excavation. On 27 October through 16 November 2023, 8 through 28 February 2024, and 11 and 12 March 2024, Langan collected a total of 82 composite soil samples and 192 discrete soil samples for delineation from 155 soil borings to characterize the anticipated excavation depths at the Site. Analytical parameters included one or more of the following:

- Total VOCs by Method 8260;
- Total SVOCs by Method 8270;
- Total polychlorinated biphenyls (PCB) by Method 8082;
- Total herbicides by Method 8151;
- Total pesticides by Method 8081;
- Total metals (14) by Method 6010B;
- Total cyanide;
- Hexavalent Chromium;
- RCRA Characteristics - Ignitability, corrosivity, and reactivity;
- Toxicity Characteristic Leachate Procedure (TCLP) VOCs, SVOCs, pesticides, herbicides, and metals; and
- New Jersey Department of Environmental Protection (NJDEP) Extractable Petroleum Hydrocarbons (EPH).

Historic fill was visually identified throughout the Site ranging from 12.5 to at least 30 feet thick.

Analytical results identified fill material with SVOC and metal concentrations above the Restricted-Residential RUSCOs. Additionally, seven hazardous lead areas were identified. The horizontal and vertical extents of these areas were based on delineation sampling completed for disposal facility acceptance purposes.

Additional waste characterization soil sample collection was required for disposal facility acceptance purposes. Representatives from Clean Earth, Inc., the soil broker and selected disposal facility managers, mobilized to the Site between 17 and 19 April 2024 to collect additional soil samples to meet facility-specific acceptance protocols.

Characterization results were transmitted to disposal facilities for acceptance purposes. Disposal facility approval letters and the associated laboratory packages were transmitted to the NYSDEC project manager as facility approvals were received. The disposal facility approvals and disposal quantities are discussed in Section 3.3.5 below. The laboratory analytical reports for the waste characterization and delineation of the hazardous concentrations of lead are included as **Appendix G**.

3.3.2 Pre-Design Investigation Soil Sampling

Between 16 and 27 February 2024 Langan completed a pre-design investigation (PDI), which included the collection of soil samples to determine the potential sidewall and bottom sample locations for each hotspot area identified in the RAWP (LSB-16, LSB-18, LSB-19, LSB-20, LSB-22, and LSB-26) in advance of the remediation. A total of 54 soil borings were advanced and 34 soil samples were collected. The borings to collect the sidewall samples for horizontal delineation of each hotspot area were advanced approximately 7.5 feet from each original hotspot boring location to construct an approximate 15- by 15-foot area. Contingency horizontal delineation samples were collected from approximately 15 feet from each original hotspot boring location. Vertical delineation samples were collected at the 2-foot interval beyond the proposed excavation depth as defined in Section 4.5 of the RAWP, with contingent samples collected at two 2-foot intervals beyond the original vertical delineation sample. Sample analysis for the sidewall and bottom samples collected were limited to the contaminant of concern for each hotspot respectively, as indicated in the table below:

RAWP Hotspot	Contaminants of Concern	Proposed Depth (feet bgs)
LSB-16	4,4'-DDT, PCBs, Lead	22.5
LSB-18	Barium, Copper, Lead, Zinc	19.5
LSB-19	PCBs, Barium, Cadmium, Copper, Lead, Mercury, Zinc	21
LSB-20	Cadmium, Nickel, Zinc	18
LSB-22	Barium, Copper, Lead, Mercury, Zinc	16
LSB-26	4,4'-DDD, Copper, Lead, Zinc	23.5

Analytical results identified metal concentrations above the Unrestricted Use SCOs and/or the Restricted-Residential RUSCOs in seventeen of the samples from five hotspot areas (LSB-16, LSB-18, LSB-19, LSB-22, and LSB-26). One hotspot area, LSB-20, was horizontally and vertically delineated for the contaminants of concern identified above. The analytical results of the PDI are presented in **Table 3**. A figure with the analytical results of the PDI was previously transmitted and discussed with the Department on the 4 September 2024 call. The laboratory analytical reports PDI are included as **Appendix H**.

As discussed in Section 2.2, excavation of the hotspot areas was not completed due to the revision of the remedy to a Track 2 Restricted-Residential remediation, with the exception of hotpot area LSB-22 in the northwestern portion of the Site. The LSB-22 hotspot area was excavated in an approximately 15- by 15-foot area prior to the 4 September call with the NYSDEC, which concluded that the hotspot excavations were not required for remedial action. As such, confirmation excavation samples were not collected.

3.3.3 Non-Hazardous Contaminated Material

The majority of material removed from the Site for remediation consisted of non-hazardous contaminated material impacted by VOCs, SVOCs, pesticides, PCBs, and metals. As part of the remedial action, contaminated fill material was excavated across the Site footprint to a depth of 15 feet bgs. **Figures 3A and 3B** shows the extent of remedial excavation.

The contractor transported a total of 60,598.96 tons of non-hazardous contaminated material as part of the site remediation as part of the Site redevelopment to Clean Earth of Carteret in Carteret, NJ, Bethlehem Earth, LP in Bethlehem, PA, Clean Earth of Philadelphia in Philadelphia, PA, Clean Earth New Castle in New Castle, Delaware, and/or KTC Fairless in Fairless Hills, Pennsylvania.

3.3.4 Hazardous Lead-Contaminated Areas

Soil areas containing hazardous concentrations of lead were identified during the 2023 and 2024 environmental pre-characterization sampling up to 22 feet bgs. A total of 569.26 tons of hazardous lead-contaminated fill were transported for disposal at Clean Earth of North Jersey, Inc. – Kearny NJ.

3.3.5 Underground Storage Tanks (UST)

A total of eleven (11) USTs were discovered during implementation of the RAWP: one UST in the northwestern portion of the Site, one UST in the northern portion of the Site, one UST beneath the sidewalk adjacent to Pennsylvania Avenue, and eight USTs in the northeastern portion of the Site in the footprint of the former filling station. The approximate locations where the USTs were discovered are shown on **Figure 4**. Below is a summary of the UST discovery and decommissioning processes:

UST-1 through UST-3

- On 19 April 2024, United Concrete encountered UST-1 while excavating within the northwestern portion of the Site. The UST measured approximately 6 feet long by 2 feet in diameter. The bottom of the UST was located approximately 6 feet bgs. No staining, odors or elevated PID measurements were identified in the surrounding soils and groundwater was not encountered within the excavation extents.
- On 23 April 2024, United Concrete encountered UST-2 and UST-3 while excavating within the sidewalk adjacent to Pennsylvania Avenue and in the northern portion of the Site, respectively.
    - UST-2 appeared to be located within a concrete vault and measured approximately 7 feet long by 4 feet in diameter. The bottom of the UST was located approximately 7 feet bgs. No elevated PID readings above background or evidence of petroleum impacts were observed in the surrounding soil.
    - UST-3 appeared to be partially crushed. No liquid or product was observed within the UST; however, the tank was about 10% filled with sediment/sludge. The UST measured approximately 5 feet long, 3 feet wide and 3.5 feet deep. The bottom of the UST was located approximately 6 feet bgs. A PID reading of 2.3 ppm was detected in the surrounding soil. A small amount of sludge was observed on the soil adjacent to the tank.
- On 24 April 2024, Brookside Environmental, a FDNY-licensed tank contractor, was retained to decommission tanks UST-1 through UST-3. Brookside removed approximately 93-gallons of oil/water mixture from UST-2 via vacuum truck for offsite disposal at Advanced Waste and Water Technology in Farmingdale, NY.

  - United Concrete removed and placed UST-1 through UST-3 on polyethylene sheeting for future cleaning and disposal.
  - United Concrete removed sludge observed on the soil and stockpiled the material on polyethylene sheeting within the southern portion of the site for future off-Site disposal.

- On 29 April 2024, Brookside removed five drums of sediment/sludge generated from the tank cleaning for off-site disposal to Clean Water of New York in Staten Island NY.
- On 1 May 2024, cleaned tanks UST-1, UST-2, and UST-3 were removed from the site for disposal as scrap metal to TNT Scrap in Brooklyn, NY.

<u>UST-4 through UST-11</u>

- On 8 May 2024, United Concrete encountered UST-4 through UST-11 while excavating within the northeastern portion of the Site. The USTs measured approximately 7.5 feet long by 4 feet in diameter. The bottom of each UST was located approximately 10 feet bgs. Each UST was observed to be filled with an oil/water mixture. No elevated PID readings above background or evidence of petroleum impacts were observed in the surrounding soil.
- Between 8 and 10 May 2024, Brookside Environmental was retained to decommission tanks UST-4 through UST-11. Brookside removed approximately 4,215 gallons of oil/water mixture from UST-4 through UST-11 via vacuum trucks for offsite disposal at Advanced Waste and Water Technology in Farmingdale, NY.
- On 10 May 2024, United Concrete removed and placed UST-4 through UST-11 on polyethylene sheeting for future cleaning and disposal.
- On 13 May 2024, Brookside Environmental cleaned UST-4 through UST-11. Brookside Environmental removed two drums of sediment/sludge generated from the tank cleaning for off-site disposal to Clean Water of New York in Staten Island NY.
- On 17 May 2024, cleaned tanks UST-4 through UST-11 were removed from the site for disposal as scrap metal to TNT Scrap in Brooklyn, NY.

The final remedial excavation extended beyond the excavation extents necessary for the removal of all USTs encountered at the Site and no confirmation soil samples were collected from the tank excavations in accordance with the RAWP. A documentation soil sample collected from the base of the mass excavation was collected directly beneath the former location of the tanks. The PBS Registration form and updated Facility Information Report for the tanks discovered during the Site remediation activities was submitted to the Department on 23 December 2024, and the tanks were registered as closed-removed on 30 December 2024. Documentation of the closed status and closure documentation including tank removal affidavits and disposal manifests are included in **Appendix I**.

3.3.6 Soil Disposal Quantities

The remedial excavation to achieve a Track 2 remediation included the removal of contaminated material to 15 feet bgs across the Site footprint. A total of approximately 61,168.22 tons of hazardous and non-hazardous contaminated material were removed as part of the remedial action.

The horizontal and vertical remedial excavation extents are shown on **Figures 3A** and **3B**. The depth of the remaining mass excavation for foundation construction beyond the depths of the remedial excavation extended to depths between 15 and 22 feet bgs across the Site with localized excavations to a depth of 28.5 feet bgs for deeper foundation elements.

Waste types, removed quantities, and disposal locations are summarized in the following table.

Soil Disposal Quantities For Remediation				
Type of Material	**Disposal Facility Name**	**Facility Location**	**No. of Loads**	**Quantity Removed (tons)**
Non-Hazardous Contaminated Material	Clean Earth of Carteret	24 Middlesex Avenue, Carteret, New Jersey	421	12,405.80
Hazardous Waste (Lead) (USEPA ID: NYR000266791)	Clean Earth of North Jersey (USEPA ID: NJD991291105)	115 Jacobus Avenue, Kearny, New Jersey	25	569.26
Non-Hazardous Contaminated Material	Bethlehem Earth, LP	3000 Commercial Center Blvd. Bethlehem, Pennsylvania	1,095	31,913.57
Non-Hazardous Contaminated Material	Clean Earth of Philadelphia, LLC	3201 South 61st Street Philadelphia, Pennsylvania	161	4,138.13

Soil Disposal Quantities For Remediation				
Type of Material	**Disposal Facility Name**	**Facility Location**	**No. of Loads**	**Quantity Removed (tons)**
Non-Hazardous Contaminated Material	Clean Earth New Castle, LLC	94 J Caldwell Lane New Castle, Delaware	397	10,936.66
Non-Hazardous Contaminated Material	KTC Fairless	400 Middle Drive Fairless Hills, Pennsylvania	45	1,204.8
		Total for Remediation	**2,144**	**61,168.22**

Each regulated waste stream was transported for off-site disposal using NYCRR Part 364-permitted transporters and was in accordance with federal, state, and local regulations. All regulated waste removed for disposal was tracked using a manifesting system. Waste types, quantities, transport date, and the disposal facility location for each load are presented on **Table 4**.

The laboratory analytical reports for the waste pre-characterization sampling and additional delineation and facility-specific sampling between October 2023 and March 2024 are included as **Appendix G**. Waste disposal facility approval documentation is included as **Appendix J**. Disposal manifests and scale tickets are included in **Appendix K**.

3.4 On-Site Soil Reuse

Soil was reused throughout the Site footprint in accordance with the Soil Reuse Requests dated 11 September, 27 September, 7 October, and 17 October 2024. Site soils meeting the lower of the Track 2 Restricted-Residential RUSCOs and the Protection to Groundwater SCOs were used to the extent possible to backfill excavations for pile cap construction throughout the Site footprint. Soil that was eligible for reuse were used at or below the depth of the 15-foot remedial excavation. Excess non-hazardous contaminated fill resulting from localized excavations for construction of pile caps and deeper foundation elements that could not otherwise be reused within the Site footprint was loaded for off-site disposal as detailed in Section 3.3. **Figure 6** shows areas of on-site soil reuse. The Department approved requests are included in **Appendix O**.

3.5 Remedial Performance Sampling

3.5.1 Site-Wide Excavation Base Endpoint Samples

Endpoint soil samples were collected at a frequency of one sample for every 900 square feet of excavation base to document the remaining contamination beneath the building. Seventy-seven (77) documentation soil samples and the required quality assurance/quality control (QA/QC) samples were collected and analyzed. Endpoint sample locations and results are presented on **Figure 5**.

Endpoint soil samples collected from the mass excavation base were analyzed for NYSDEC Part 375 VOCs, SVOCs, PCBs, herbicides, pesticides, target analyte list (TAL) metals (including trivalent and hexavalent chromium), total cyanide, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAS) by an NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory. Results were compared to 6 NYCRR Part 375 Restricted-Residential SCOs and the Restricted-Residential Guidance Values for PFAS.

No VOCs, SVOCs, pesticides, herbicides, PCBs, or PFAS were detected above the Restricted-Residential RUSCOs or the Restricted-Residential Guidance Values.

Metals were identified above the Restricted-Residential RUSCOs in 17 samples and included arsenic (18.1 mg/kg – 29.4 mg/kg), barium (403 mg/kg – 4,050 mg/kg), copper (313 mg/kg), lead (416 mg/kg – 2,140 mg/kg), and mercury (0.944 mg/kg – 1.01 mg/kg).

All endpoint samples were collected at the base of the development excavation across the Site footprint, which is deeper than the required 15 feet required to implement a Track 2 remedial action in accordance with 6 NYCRR Part 375-3.8(e)(2)(iii)(a-d), and do not represent a source of groundwater contamination. An endpoint soil sample location plan is included as **Figure 5** and the analytical results are presented in **Table 5**. Analytical laboratory reports are included in **Appendix L**.

3.5.2 Data Usability Summary Reports

Data Usability Summary Reports (DUSRs) were prepared for documentation soil samples (and related QA/QC samples) collected during the remedy. The data usability review confirmed that the data presented in these reports is of an appropriate quality for its intended usage. These DUSRs are included in **Appendix M**.

A DUSR was not completed for the PDI discussed in Section 3.3.2 because the analytical results were not ultimately used to define the remedial excavation extents.

3.6 Imported Backfill

Backfill was imported to be used for construction of the truck wash, crane pad and other miscellaneous pads, and temporary roads as well as staging of the detention tanks in the northwestern portion of the Site, backfilling to raise the grade in the northwestern portion of the site that was over-excavated to achieve the remedial excavation depth, establishment of a drilling platform for foundation pile drilling, as a construction ramp, and as general backfill. Additionally, the base of the excavations for foundation pile caps were lined with imported backfill.

The following table summarizes the quantities of each imported material and source facilities. Tonnages per load are variable and are generally referenced on each truck scale ticket. **Table 6** includes an account of each import load and the associated quantity of material for that load.

Source Name	Source Location	Type of Material	Location Backfilled on the Site	No. of Loads	Quantity Imported	Met Restricted-Residential RUSCOs
Braen Stone of Sparta	217 Limecrest Rd, Lafayette, NJ	1.5-inch Stone	Site-wide	159	3,700.69 tons	Exempt Virgin Stone
Braen Stone of Sparta	217 Limecrest Rd, Lafayette, NJ	0.75-inch Stone	Site-wide	107	2,641.4 tons	Exempt Virgin Stone
Tilcon Mount Hope	65 Mount Hope Road, Warton, NJ 07885	1.5-inch Stone	N/A	0	0 tons	Exempt Virgin Stone
Tilcon Mount Hope	65 Mount Hope Road, Warton, NJ 07885	0.75-inch Stone	N/A	0	0 tons	Exempt Virgin Stone
Braen Stone of Sparta	217 Limecrest Rd, Lafayette, NJ	DGA	Site-wide	177	4,400.42 tons	Yes
Evergreen Recycling of Corona	12708 Willets Point Blvd, Flushing, NY 11368	Sand	Northwestern Portion of the Site	6	108 tons	Yes
PPark NJ	100 Planten Avenue, Prospect Park, NJ 07508	Sand	N/A	0	0 tons	Yes

Source Name	Source Location	Type of Material	Location Backfilled on the Site	No. of Loads	Quantity Imported	Met Restricted-Residential RUSCOs
Evergreen Recycling of Corona	12708 Willets Point Blvd, Flushing, NY 11368	Clean Fill	Central and Southern Portions of the Site	14	280 tons	Yes

The 1.5- and 0.75-inch virgin stone was imported from a Part 360-registered facility with less than 10 percent by weight of fines passing a #100 sieve. The 1.5- and 0.75-inch virgin stone met the requirements for material other than soil as specified in Section 5.4(e)5 of DER-10.

Imported backfill documentation, including weight tickets, is provided in **Appendix N**. Imported backfill facility documentation is provided in **Appendix O** and approval documentation is provided in **Appendix D**. Imported backfill types, dates, quantities, and source facility for each load is summarized in **Table 6**.

3.7 Contamination Remaining at the Site

3.7.1 Soil

A Track 2 Restricted-Residential Use remedy was achieved for the Site. Remaining impacts in soil were documented in endpoint samples collected from beneath the remedial excavations and are located beneath the base of the remedial excavations between 15 and 22 feet bgs.

Eighty-one documentation samples, including four duplicate samples, were taken throughout the Site extents upon reaching the final development or remedial excavation depths. Laboratory analytical results identified that the remaining contamination consists of metals above the Restricted-Residential RUSCOs. The Part 375 Restricted-Residential SCOs are summarized in **Table 1**. **Table 2** and **Figures 5A through 5C** summarize the results of all soil samples collected that exceed the Restricted-Residential RUSCOs at the site after completion of remedial action. The following table summarizes the laboratory analytical results of the remaining contamination:

Analyte	Minimum Detected Concentration above RRSCOs (mg/kg)		Maximum Detected Concentration above RRSCOs (mg/kg)	
Metals				
Arsenic	18.1	PE25_15	29.4	PE53_19.0
Barium	403	PE61_19	4,050	PE25_15
Copper	313	PE24_15	313	PE24_15

Analyte	Minimum Detected Concentration above RRSCOs (mg/kg)		Maximum Detected Concentration above RRSCOs (mg/kg)	
Lead	416	PE17_15	2,140	PE49_22
Mercury	0.944	PE26_15	1.01	PE69_19.5

3.7.2 Groundwater

Groundwater analytical results collected between 2018 and 2021 identified exceedances of the SGVs for metals and PFAS throughout the Site. SVOCs were not detected above the NYSDEC SGVs in any groundwater samples collected in 2021; however, they were detected at concentrations exceeding the SGVs in 2018. The elevated concentrations of PAHs detected in groundwater in 2018 are attributed to sediment entrainment of fill material of unknown origin in the sample and are not indicative of any discrete releases to the subsurface. PAHs in soil are not considered to be an ongoing source of groundwater contamination.

Total lead was detected in one sample in 2018 and was not identified in samples collected during the 2021 RI. Dissolved lead was not detected above the SGVs in 2018 and, as such, the detection of total lead is attributed to sediment entrainment in the sample. Elevated concentrations of barium in soil are present throughout the Site footprint; however, total and dissolved barium were detected above the SGV in only one well in 2021. The detection of barium in groundwater is attributed to a combination of sediment entrainment in the sample and the quality of fill in contact with groundwater at that location. Based on the isolation detection of total and dissolved barium in groundwater, barium concentrations in soil are not considered to be an ongoing source of groundwater contamination. Other metals detected in exceedance of NYSDEC SGVs were identified throughout the Site footprint and are attributed to a combination of sediment entrainment in the sample and naturally occurring background concentrations.

Groundwater and Site use restrictions to prevent exposure to remaining groundwater contamination are included in the Environmental Easement.

3.7.3 Soil Vapor

Soil vapor samples collected in 2021 contained the CVOCs cis-1,2 DCE and vinyl chloride at concentrations, which are above the monitoring and/or mitigation sub-slab threshold according to NYSDOH Soil Vapor Intrusion Guidance Matrix A and C, in one sample collected from the central portion of the site. Soil vapor sample analytical results also identified low concentrations of petroleum-related VOCs at all sample locations throughout the Site footprint.

Petroleum-related VOCs were not detected at concentrations exceeding NYSDEC threshold values in soil or groundwater at the Site, but concentrations in soil vapor may be attributable to releases associated with historical Site operations or an unknown source. As CVOCs were not detected at concentrations exceeding NYSDEC SVGs for soil or groundwater at the Site, the presence of elevated concentrations of these compounds in one soil vapor sample is attributed to an isolated unknown source.

The proposed building cellar will be constructed within the groundwater elevation range measured during the RI (generally between el -2 and el 2 NAVD88).

3.8 Engineering Controls

No Engineering Controls were required as part of the remedy.

3.9 Institutional Controls

The Track 2 Restricted-Residential remedy requires that an environmental easement be placed on the property to: (1) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination and (2) limiting the use and development of the Site to Restricted-Residential Restricted, Commercial and Industrial Uses only. A series of ICs are required by the Environmental Easement to:

- The Controlled Property may be used for: Restricted-Residential as described in 6 NYCC Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCC Part 375 1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv);
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or industrial purposes, and the user must first notify and obtain written approval to do so from the Department;
- Data and information pertinent to the Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;
- All future activities on the property that will disturb the remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

- Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
- Vegetable gardens and farming on the Site are prohibited; and,
- If any of the newly planned structures that are part of the current BCP project are demolished in the future, an evaluation shall be performed to determine the need for further investigation and remediation should new future large scale redevelopment occur, or if the subsurface is otherwise made accessible in the areas of remaining contamination.

Adherence to these ICs is required by the Environmental Easement and will be implemented under the SMP, which is included in Appendix S. The environmental easement for the Site was executed by the Department on 10 October 2024 and recorded with the NYC Office of the City Register on 30 October 2024. The County Recording Identifier number for the filing is 2024102301004001. A copy of the easement and proof of filing is provided in **Appendix A**.

3.10 Soil Vapor Intrusion Evaluation

As required in the decision document, a soil vapor intrusion (SVI) evaluation is presented below.

Chlorinated VOCs were not detected above the SGVs in groundwater or above the Unrestricted Use SCOs and Protection of Groundwater SCOs in soil at the Site. Eight soil vapor samples were collected during the 2021 RI. Analytical results from one sample collected from the central portion of the Site revealed the chlorinated VOCs cis-1,2 DCE and vinyl chloride at concentrations above the monitoring and/or mitigation sub-slab screening threshold according to NYSDOH Soil Vapor Intrusion Guidance Matrix A and B.

As chlorinated VOCs were not detected at concentrations exceeding NYSDEC threshold values in soil or groundwater at the Site, the presence of elevated concentrations of these compounds in one soil vapor sample is attributed to an isolated unknown source. Based on the soil and groundwater analytical results, there is no known on-Site source of contamination that would result in a soil vapor intrusion condition into either of the two new buildings at the Site.

Contaminated fill/soil was excavated to depths ranging from 15 and 22 feet bgs across the Site. Groundwater is present above the cellar slab elevation, as shown in the drawings included in Appendix B of the RAWP. As such, there is limited to no potential for the production of soil vapor above the water table and below the cellar slab at the Site.

3.11 Green and Sustainable Remediation

3.11.1 Footprint Analysis

An environmental footprint analysis for the remedial action was completed using SiteWise™ (available in the SURF library), which is a NYSDEC-accepted environmental footprint analysis calculator. This analysis was completed to track the energy consumption and emissions generated as part of the implementation of the remedy. The following components of the remedy were evaluated using the SiteWise™ model:

- Export of approximately 61,168.22 tons of soil from the Site to six different facilities,
- 160 personnel roundtrips to oversee implementation the remedy and 123 personnel roundtrips to oversee the installation of the SOE;
- Import of approximately 11,130.5 tons of material to the Site from two different facilities;
- Import of approximately 906,000 pounds of steel for the SOE on the eastern, western, and southern boundaries of the Site;
- Approximately 17,496 cubic yards of concrete for the construction of the soil-mix SOE on the northern boundary of the Site;
- Approximately 60,000 square feet of continuous vapor barrier system which was installed as a green remediation construction measure for the Site.

The following emissions and energy usage during the remedy were estimated using the SiteWise™ model:

SiteWise™ Model Outputs	Track 2 Restricted-Residential Remedy
Greenhouse Gas (GHG) Emissions (metric ton)	2,590.35
Total energy Used (MMBTU)	29,961.72
Total NOx Emissions (metric ton)	6.83
Total SOx Emissions (metric ton)	8.02
Total PM10 Emissions (metric ton)	1.54

Details regarding the inputs and outputs of the SiteWise™ model are provided in **Appendix Q**.

3.11.2 Climate Resiliency

A Climate Screening Checklist was completed for the Site as part of this remedial design. The Climate Screening did not indicate that a Climate Change Vulnerability Assessment was necessary. The Climate Screening Checklist is included in **Appendix Q**.

3.12 Deviations from the Remedial Action Work Plan

The RAWP proposed a Track 1 Unrestricted Use remedy for the Site, which included remedial excavation to a depth between 15 and 20 feet bgs across the Site footprint and over-excavation at six hotspot locations identified in the RAWP. However, based on the results of the endpoint soil sampling, a Track 2 Restricted-Residential remediation was completed based on a 15-foot remedial excavation, in accordance with 6 NYCRR Part 375-3.8(e)(2)(iii)(a-d). The Volunteer initiated conversations regarding the anticipated remedy modification during a call on 4 September 2024.

Additional non-hazardous contaminated soil/fill was excavated and transported off-Site for disposal from 15 to 22 feet bgs across the entire Site footprint. Overall, a total of approximately 60,598.96 tons of non-hazardous contaminated fill and 569.26 tons of hazardous lead-contaminated fill were removed from the Site for off-Site disposal for remediation–related excavation.

The Track 2 Restricted-Residential Restricted Use remedy proposed in the RAWP included the import of 2,200 cubic yards of material to backfill the remedial excavations and to raise Site grades to the development elevation in the northwestern portion of the site area that over-excavated to achieve a minimum 15-foot remedial excavation. Additional fill material was needed for construction of the truck wash, crane pad and other miscellaneous pads, and temporary roads as well as, staging of the detention tanks in the northwestern portion of the Site, establishment of a drilling platform for foundation pile drilling, and as general backfill. A total of approximately 10,742.51 tons of quarry stone and DGA, approximately 108 tons of sand, and approximately 280 tons of clean fill were imported to the Site.

TABLES

Table 1
Final Engineering Report
Soil Cleanup Objectives

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

Analyte	CAS Number	Track 1 NYSDEC Part 375 Unrestricted Use SCOs	Track 2 NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
Volatile Organic Compounds (mg/kg)			
1,1,1-Trichloroethane	71-55-6	0.68	100
1,1-Dichloroethane	75-34-3	0.27	26
1,1-Dichloroethene	75-35-4	0.33	100
1,2,4-Trimethylbenzene	95-63-6	3.6	52
1,2-Dichlorobenzene	95-50-1	1.1	100
1,2-Dichloroethane	107-06-2	0.02	3.1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	52
1,3-Dichlorobenzene	541-73-1	2.4	49
1,4-Dichlorobenzene	106-46-7	1.8	13
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13
Acetone	67-64-1	0.05	100
Benzene	71-43-2	0.06	4.8
Carbon Tetrachloride	56-23-5	0.76	2.4
Chlorobenzene	108-90-7	1.1	100
Chloroform	67-66-3	0.37	49
Cis-1,2-Dichloroethene	156-59-2	0.25	100
Ethylbenzene	100-41-4	1	41
Hexachlorobenzene	118-74-1	0.33	1.2
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	100
Methylene Chloride	75-09-2	0.05	100
Naphthalene	91-20-3	12	100
n-Butylbenzene	104-51-8	12	100
n-Propylbenzene	103-65-1	3.9	100
Sec-Butylbenzene	135-98-8	11	100
T-Butylbenzene	98-06-6	5.9	100
Tert-Butyl Methyl Ether	1634-04-4	0.93	100
Tetrachloroethene (PCE)	127-18-4	1.3	19
Toluene	108-88-3	0.7	100
Total Xylenes	1330-20-7	0.26	100
Trans-1,2-Dichloroethene	156-60-5	0.19	100
Trichloroethene (TCE)	79-01-6	0.47	21
Vinyl Chloride	75-01-4	0.02	0.9
Semivolatile Organic Compounds (mg/kg)			
1,2-Dichlorobenzene	95-50-1	1.1	100
1,3-Dichlorobenzene	541-73-1	2.4	49
1,4-Dichlorobenzene	106-46-7	1.8	13
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13
2-Methylphenol (o-Cresol)	95-48-7	0.33	100
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	100
Acenaphthene	83-32-9	20	100
Acenaphthylene	208-96-8	100	100
Anthracene	120-12-7	100	100
Benzo(a)anthracene	56-55-3	1	1
Benzo(a)pyrene	50-32-8	1	1
Benzo(b)fluoranthene	205-99-2	1	1
Benzo(g,h,i)Perylene	191-24-2	100	100
Benzo(k)fluoranthene	207-08-9	0.8	3.9
Chrysene	218-01-9	1	3.9
Dibenz(a,h)anthracene	53-70-3	0.33	0.33
Dibenzofuran	132-64-9	7	59
Fluoranthene	206-44-0	100	100
Fluorene	86-73-7	30	100
Hexachlorobenzene	118-74-1	0.33	1.2
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5
Naphthalene	91-20-3	12	100
Pentachlorophenol	87-86-5	0.8	6.7
Phenanthrene	85-01-8	100	100
Phenol	108-95-2	0.33	100
Pyrene	129-00-0	100	100

Table 1
Final Engineering Report
Soil Cleanup Objectives

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

Analyte	CAS Number	Track 1 NYSDEC Part 375 Unrestricted Use SCOs	Track 2 NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
Pesticides (mg/kg)			
4,4'-DDD	72-54-8	0.0033	13
4,4'-DDE	72-55-9	0.0033	8.9
4,4'-DDT	50-29-3	0.0033	7.9
Aldrin	309-00-2	0.005	0.097
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.48
Alpha Chlordane	5103-71-9	0.094	4.2
Alpha Endosulfan	959-98-8	2.4	24
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.36
Beta Endosulfan	33213-65-9	2.4	24
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	100
Dibenzofuran	132-64-9	7	59
Dieldrin	60-57-1	0.005	0.2
Endosulfan Sulfate	1031-07-8	2.4	24
Endrin	72-20-8	0.014	11
Gamma Bhc (Lindane)	58-89-9	0.1	1.3
Heptachlor	76-44-8	0.042	2.1
Herbicides (mg/kg)			
Silvex (2,4,5-Tp)	93-72-1	3.8	100
Polychlorinated Biphenyls (mg/kg)			
Total PCBs	1336-36-3	0.1	1
Inorganics (mg/kg)			
Arsenic	7440-38-2	13	16
Barium	7440-39-3	350	400
Beryllium	7440-41-7	7.2	72
Cadmium	7440-43-9	2.5	4.3
Chromium, Hexavalent	18540-29-9	1	110
Chromium, Trivalent	16065-83-1	30	180
Copper	7440-50-8	50	270
Total Cyanide	~	27	27
Lead	7439-92-1	63	400
Manganese	7439-96-5	1,600	2,000
Mercury	7439-97-6	0.18	0.81
Nickel	7440-02-0	30	310
Selenium	7782-49-2	3.9	180
Silver	7440-22-4	2	180
Zinc	7440-66-6	109	10,000

Notes:
1. Soil cleanup objectives taken from New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCOs).
2. Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and
3. ~ = Regulatory limit for this analyte does not exist
4. mg/kg = milligrams per kilogram

Table 2
Final Engineering Report
CAMP Exceedances

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

Date of Exceedance	Total Duration (HH:MM)	Particulate/VOC Exceedance at Downwind Station	Maximum 15-Minute Average Concentration Observed	Reason for Exceedance	Actions to Mitigate Exceedance
4/25/2024	0:15	Particulate	197 µg/m3	Dust generated due to grout mixing for the soil mix support-of-excavation (SOE)	Work was paused and water applied to the work area for dust suppression before continuing
4/26/2024	0:01	Particulate	234 µg/m3	Dust generated due to grout mixing for the soil mix SOE	Work was paused and water applied to the work area for dust suppression before continuing
4/29/2024	0:01	Particulate	234 µg/m3	Dust generated due to grout mixing for the soil mix SOE	Work was paused and water applied to the work area for dust suppression before continuing

Table 3
Final Engineering Report
Pre-Design Investigation Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	LSB16_3	LSB16_3_N7.5	LSB16_3_N7.5	LSB16_3E7.5
					Sample Name	LSB16_3_22.5-24.5	LSB16_3_N7.5_19.5-21.5	DUP_20240221	LSB16_3E7.5_19.5-21.5
					Sample Date	2/21/2024	2/21/2024	2/21/2024	2/22/2024
					Sample Depth	22.5-24.5	19.5-21.5	19.5-21.5	19.5-21.5
					Unit	Result	Result	Result	Result
Pesticides									
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	<0.00195 U	<0.00195 U	<0.00192 U	<0.00188 U
Polychlorinated Biphenyl									
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0197 U	<0.0197 U	<0.0194 U	<0.019 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0197 U	<0.0197 U	<0.0194 U	<0.019 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0197 U	<0.0197 U	<0.0194 U	<0.019 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0197 U	<0.0197 U	<0.0194 U	<0.019 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0197 U	<0.0197 U	<0.0194 U	<0.019 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0197 U	<0.0197 U	<0.0194 U	<0.019 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0197 U	<0.0197 U	<0.0194 U	<0.019 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0197 U	<0.0197 U	<0.0194 U	<0.019 U
Metals									
Barium	7440-39-3	**350**	820	400	mg/kg	NA	NA	NA	NA
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	NA	NA	NA	NA
Copper	7440-50-8	**50**	1720	270	mg/kg	NA	NA	NA	NA
Lead	7439-92-1	**63**	450	400	mg/kg	**101**	18.5	9.11	**278**
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	NA	NA	NA	NA
Nickel	7440-02-0	**30**	130	310	mg/kg	NA	NA	NA	NA
Zinc	7440-66-6	**109**	2480	10000	mg/kg	NA	NA	NA	NA
General Chemistry									
Solids, Percent	SOLID	NS	NS	NS	Percent	82.1	82.1	84.3	85.6

Table 3
Final Engineering Report
Pre-Design Investigation Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	LSB16_3_S7.5	LSB16_3_W7.5	LSB18_3
					Sample Name	LSB16_3_S7.5_19.5-21.5	LSB16_3_W7.5_19.5-21.5	LSB18_3_19.5-21.5
					Sample Date	2/21/2024	2/22/2024	2/22/2024
					Sample Depth	19.5-21.5	19.5-21.5	19.5-21.5
					Unit	Result	Result	Result
Pesticides								
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	<0.00196 U	<0.00184 U	NA
Polychlorinated Biphenyl								
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0198 U	<0.0186 U	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0198 U	<0.0186 U	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0198 U	<0.0186 U	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0198 U	<0.0186 U	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0198 U	<0.0186 U	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0198 U	<0.0186 U	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0198 U	<0.0186 U	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0198 U	<0.0186 U	NA
Metals								
Barium	7440-39-3	**350**	820	400	mg/kg	NA	NA	20.3
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	NA	NA	NA
Copper	7440-50-8	**50**	1720	270	mg/kg	NA	NA	9.22
Lead	7439-92-1	**63**	450	400	mg/kg	36.1	**293**	4.25
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	NA	NA	NA
Nickel	7440-02-0	**30**	130	310	mg/kg	NA	NA	NA
Zinc	7440-66-6	**109**	2480	10000	mg/kg	NA	NA	16.4
General Chemistry								
Solids, Percent	SOLID	NS	NS	NS	Percent	82.4	87.2	78.3

Table 3
Final Engineering Report
Pre-Design Investigation Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	LSB18_3_N7.5	LSB18_3_E7.5	LSB18_3_S7.5
					Sample Name	LSB18_3_N7.5_16.5-18.5	LSB18_3_E7.5_16.5-18.5	LSB18_3_S7.5_16.5-18.5
					Sample Date	2/23/2024	2/22/2024	2/23/2024
					Sample Depth	16.5-18.5	16.5-18.5	16.5-18.5
					Unit	Result	Result	Result
Pesticides								
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	NA	NA	NA
Polychlorinated Biphenyl								
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	NA	NA	NA
Metals								
Barium	7440-39-3	**350**	820	400	mg/kg	9.49	155	276
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	NA	NA	NA
Copper	7440-50-8	**50**	1720	270	mg/kg	7.15	11.8	**225**
Lead	7439-92-1	**63**	450	400	mg/kg	5.71	42.8	**781**
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	NA	NA	NA
Nickel	7440-02-0	**30**	130	310	mg/kg	NA	NA	NA
Zinc	7440-66-6	**109**	2480	10000	mg/kg	16.8	102	**390**
General Chemistry								
Solids, Percent	SOLID	NS	NS	NS	Percent	81.2	77.5	50.6

Table 3
Final Engineering Report
Pre-Design Investigation Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	LSB18_3_W7.5	LSB19_3	LSB19_3_N7.5	LSB19_3_E7.5
					Sample Name	LSB18_3_W7.5_16.5-18.5	LSB19_3_21-23	LSB19_3_N7.5_18-20	LSB19_3_E7.5_18-20
					Sample Date	2/22/2024	2/16/2024	2/19/2024	2/16/2024
					Sample Depth	16.5-18.5	21-23	18-20	18-20
					Unit	Result	Result	Result	Result
Pesticides									
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	NA	NA	NA	NA
Polychlorinated Biphenyl									
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	<0.0209 U	<0.0256 U	<0.0198
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	<0.0209 U	<0.0256 U	<0.0198
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	<0.0209 U	<0.0256 U	<0.0198
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	<0.0209 U	<0.0256 U	<0.0198
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	<0.0209 U	<0.0256 U	<0.0198
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	<0.0209 U	<0.0256 U	<0.0198
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	<0.0209 U	<0.0256 U	<0.0198
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	NA	<0.0209 U	<0.0256 U	<0.0198
Metals									
Barium	7440-39-3	**350**	820	400	mg/kg	104	21.1	**412**	10.4
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	NA	<0.263 U	0.364	<0.249 U
Copper	7440-50-8	**50**	1720	270	mg/kg	**97.2**	9.35	**79.8**	4.8
Lead	7439-92-1	**63**	450	400	mg/kg	**226**	5.13	276	11.2
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	NA	<0.0378 U	0.168	<0.0358 U
Nickel	7440-02-0	**30**	130	310	mg/kg	NA	NA	NA	NA
Zinc	7440-66-6	**109**	2480	10000	mg/kg	**578**	16.9	**294**	14.6
General Chemistry									
Solids, Percent	SOLID	NS	NS	NS	Percent	80.1	79.3	64.4	83.8

Table 3
Final Engineering Report
Pre-Design Investigation Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	LSB19_3_S7.5	LSB19_3_W7.5	LSB20_3	LSB20_3
					Sample Name	LSB19_3_S7.5_18-20	LSB19_3_W7.5_18-20	LSB20_3_18-20	DUP15_20240223
					Sample Date	2/19/2024	2/16/2024	2/23/2024	2/23/2024
					Sample Depth	18-20	18-20	18-20	15-17
					Unit	Result	Result	Result	Result
Pesticides									
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	NA	NA	NA	NA
Polychlorinated Biphenyl									
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0298 U	<0.0227 U	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0298 U	<0.0227 U	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0298 U	<0.0227 U	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0298 U	<0.0227 U	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0298 U	<0.0227 U	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0298 U	<0.0227 U	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0298 U	<0.0227 U	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0298 U	<0.0227 U	NA	NA
Metals									
Barium	7440-39-3	**350**	820	400	mg/kg	**1940**	297	NA	NA
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	0.819	<0.284 U	<0.263 U	<0.256 U
Copper	7440-50-8	**50**	1720	270	mg/kg	**192**	48.2	NA	NA
Lead	7439-92-1	**63**	450	400	mg/kg	**3290**	**302**	NA	NA
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	**0.444**	**0.203**	NA	NA
Nickel	7440-02-0	**30**	130	310	mg/kg	NA	NA	14.2	16.6
Zinc	7440-66-6	**109**	2480	10000	mg/kg	**840**	**291**	19.1	16.3
General Chemistry									
Solids, Percent	SOLID	NS	NS	NS	Percent	55.6	73.3	79.2	81.5

Table 3
Final Engineering Report
Pre-Design Investigation Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	LSB20_3_N7.5	LSB20_3_N15	LSB20_3_N15	LSB20_3_E7.5
					Sample Name	LSB20_3_N7.5_15-17	LSB20_3_N15_15-17	LSB20_3_N15_18-20	LSB20_3_E7.5_16-18
					Sample Date	2/23/2024	2/23/2024	2/23/2024	2/23/2024
					Sample Depth	15-17	15-17	18-20	16-18
					Unit	Result	Result	Result	Result
Pesticides									
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	NA	NA	NA	NA
Polychlorinated Biphenyl									
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	NA	NA	NA	NA
Metals									
Barium	7440-39-3	**350**	820	400	mg/kg	NA	NA	NA	NA
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	<0.258 U	<0.259 U	<0.268 U	<0.26 U
Copper	7440-50-8	**50**	1720	270	mg/kg	NA	NA	NA	NA
Lead	7439-92-1	**63**	450	400	mg/kg	NA	NA	NA	NA
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	NA	NA	NA	NA
Nickel	7440-02-0	**30**	130	310	mg/kg	17.3	18.8	18	12.5
Zinc	7440-66-6	**109**	2480	10000	mg/kg	18.1	41.3	21.5	16.4
General Chemistry									
Solids, Percent	SOLID	NS	NS	NS	Percent	80.7	80.4	77.7	80.2

Table 3
Final Engineering Report
Pre-Design Investigation Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	LSB20_3_S7.5	LSB20_3_W7.5	LSB22_3	LSB22_3_N7.5
					Sample Name	LSB20_3_S7.5_15-17	LSB20_3_W7.5_16-18	LSB22_3_16-18	LSB22_3_N7.5_13-15
					Sample Date	2/26/2024	2/26/2024	2/20/2024	2/20/2024
					Sample Depth	15-17	16-18	16-18	13-15
					Unit	Result	Result	Result	Result
Pesticides									
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	NA	NA	NA	NA
Polychlorinated Biphenyl									
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	NA	NA	NA	NA
Metals									
Barium	7440-39-3	**350**	820	400	mg/kg	NA	NA	**532**	159
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	<0.309 U	<0.316 U	NA	NA
Copper	7440-50-8	**50**	1720	270	mg/kg	NA	NA	**165**	**158**
Lead	7439-92-1	**63**	450	400	mg/kg	NA	NA	**577**	**238**
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	NA	NA	**0.711**	**0.533**
Nickel	7440-02-0	**30**	130	310	mg/kg	11.6	18.4	NA	NA
Zinc	7440-66-6	**109**	2480	10000	mg/kg	12.4	58.6	**1000**	**381**
General Chemistry									
Solids, Percent	SOLID	NS	NS	NS	Percent	80.8	79	57	50.3

Table 3
Final Engineering Report
Pre-Design Investigation Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	LSB22_3_E7.5	LSB22_3_S7.5	LSB22_3_W7.5	LSB26_3
					Sample Name	LSB22_3_E7.5_13-15	LSB22_3_S7.5_13-15	LSB22_3_W7.5_13-15	LSB26_3_23.5-25.5
					Sample Date	2/20/2024	2/20/2024	2/21/2024	2/26/2024
					Sample Depth	13-15	13-15	13-15	23.5-25.5
					Unit	Result	Result	Result	Result
Pesticides									
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	NA	NA	NA	<0.00201 U
Polychlorinated Biphenyl									
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	**NA**	NA	NA	NA
Metals									
Barium	7440-39-3	**350**	820	400	mg/kg	37.8	251	**448**	NA
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	NA	NA	NA	NA
Copper	7440-50-8	**50**	1720	270	mg/kg	29.1	**114**	**246**	**53.6**
Lead	7439-92-1	**63**	450	400	mg/kg	34.4	**364**	**802**	**108 B**
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	<0.0318 U	0.0675	**1.62**	NA
Nickel	7440-02-0	**30**	130	310	mg/kg	NA	NA	NA	NA
Zinc	7440-66-6	**109**	2480	10000	mg/kg	60.4	**320**	**558**	**122**
General Chemistry									
Solids, Percent	SOLID	NS	NS	NS	Percent	94.3	88.6	90.6	81.2

Table 3
Final Engineering Report
Pre-Design Investigation Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	LSB26_3_N7.5	LSB26_3_E7.5	LSB26_3_S7.5
					Sample Name	LSB26_3_N7.5_20.5-22.5	LSB26_3_E7.5_20.5-22.5	LSB26_3_S7.5_20.5-22.5
					Sample Date	2/27/2024	2/26/2024	2/26/2024
					Sample Depth	20.5-22.5	20.5-22.5	20.5-22.5
					Unit	Result	Result	Result
Pesticides								
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	<0.00218 U	<0.00202 U	<0.00193 U
Polychlorinated Biphenyl								
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	NA	NA	NA
Metals								
Barium	7440-39-3	**350**	820	400	mg/kg	NA	NA	NA
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	NA	NA	NA
Copper	7440-50-8	**50**	1720	270	mg/kg	44.6	**57**	40
Lead	7439-92-1	**63**	450	400	mg/kg	**231**	**304 B**	**112**
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	NA	NA	NA
Nickel	7440-02-0	**30**	130	310	mg/kg	NA	NA	NA
Zinc	7440-66-6	**109**	2480	10000	mg/kg	97.5	**358**	75.7
General Chemistry								
Solids, Percent	SOLID	NS	NS	NS	Percent	74.8	80	84.8

Table 3
Final Engineering Report
Pre-Design Investigation Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	LSB26_3_W7.5
					Sample Name	LSB26_3_W7.5_20.5-22.5
					Sample Date	2/27/2024
					Sample Depth	20.5-22.5
					Unit	Result
Pesticides						
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	<0.00185 U
Polychlorinated Biphenyl						
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	NA
Metals						
Barium	7440-39-3	**350**	820	400	mg/kg	NA
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	NA
Copper	7440-50-8	**50**	1720	270	mg/kg	**61.3**
Lead	7439-92-1	**63**	450	400	mg/kg	**148**
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	NA
Nickel	7440-02-0	**30**	130	310	mg/kg	NA
Zinc	7440-66-6	**109**	2480	10000	mg/kg	**137**
General Chemistry						
Solids, Percent	SOLID	NS	NS	NS	Percent	89.1

Table 3
Final Engineering Report
Pre-Design Investigation Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Notes:

CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use, Protection of Groundwater, and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).

Qualifiers:

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1	4/18/2024	243070408	22-AW887V	3033490	Non-haz contaminated soil	Clean Earth of Carteret	3404775	24.07	8:52:37 AM
2	4/18/2024	243070408	5460-AS921P	3033493	Non-haz contaminated soil	Clean Earth of Carteret	3407244	30.7	8:56:07 AM
3	4/18/2024	243070408	23-AY853N	3033489	Non-haz contaminated soil	Clean Earth of Carteret	3407255	28.2	9:03:48 AM
4	4/18/2024	243070408	12-AW421C	3033491	Non-haz contaminated soil	Clean Earth of Carteret	3407260	31	9:06:11 AM
5	4/18/2024	243070408	5461-AY675X	3033492	Non-haz contaminated soil	Clean Earth of Carteret	3407266	30.22	9:07:24 AM
6	4/18/2024	243070408	14-AW233K	3033483	Non-haz contaminated soil	Clean Earth of Carteret	3407272	25.41	9:10:22 AM
7	4/18/2024	243070408	78-AW570M	3033486	Non-haz contaminated soil	Clean Earth of Carteret	3407274	26.25	9:11:43 AM
8	4/18/2024	243070408	09-AW823D	3033482	Non-haz contaminated soil	Clean Earth of Carteret	3407279	28.24	9:15:46 AM
9	4/18/2024	243070408	81-AU468M	3033487	Non-haz contaminated soil	Clean Earth of Carteret	3407288	31.09	9:18:29 AM
10	4/18/2024	243070408	18-AW856P	3033485	Non-haz contaminated soil	Clean Earth of Carteret	3407291	29.29	9:21:32 AM
11	4/18/2024	243070408	10-AY464M	3033488	Non-haz contaminated soil	Clean Earth of Carteret	3407329	25	9:40:24 AM
12	4/18/2024	243070408	09-AW118J	3033484	Non-haz contaminated soil	Clean Earth of Carteret	3407349	28.22	9:54:16 AM
13	4/19/2024	243070408	44-AW725N	3033481	Non-haz contaminated soil	Clean Earth of Carteret	3409059	28.45	5:09:33 AM
14	4/19/2024	243070408	58-W738460	3033479	Non-haz contaminated soil	Clean Earth of Carteret	3409061	29.25	5:11:35 AM
15	4/19/2024	243070408	39-AU605O	3033460	Non-haz contaminated soil	Clean Earth of Carteret	3404776	26.17	9:30:27 AM
16	4/19/2024	243070408	46-AW727N	3033463	Non-haz contaminated soil	Clean Earth of Carteret	3408432	25.86	9:36:09 AM
17	4/19/2024	243070408	30-AT778U	3033464	Non-haz contaminated soil	Clean Earth of Carteret	3408434	28.99	9:37:47 AM
18	4/19/2024	243070408	56-AX228E	3033458	Non-haz contaminated soil	Clean Earth of Carteret	3408447	26.48	9:44:16 AM
19	4/19/2024	243070408	59-AX932K	3033459	Non-haz contaminated soil	Clean Earth of Carteret	3408454	24.13	9:46:28 AM
20	4/19/2024	243070408	45-AW726N	3033468	Non-haz contaminated soil	Clean Earth of Carteret	3408458	32.18	9:47:53 AM
21	4/19/2024	243070408	44-AW725N	3033467	Non-haz contaminated soil	Clean Earth of Carteret	3408470	25.53	9:49:16 AM
22	4/19/2024	243070408	38-AU604U	3033461	Non-haz contaminated soil	Clean Earth of Carteret	3408474	28.79	9:52:02 AM
23	4/19/2024	243070408	57-AX229E	3033470	Non-haz contaminated soil	Clean Earth of Carteret	3408502	26.98	10:04:07 AM
24	4/19/2024	243070408	42-AW544B	3033466	Non-haz contaminated soil	Clean Earth of Carteret	3408518	30.79	10:12:05 AM
25	4/19/2024	243070408	33-AT781U	3033462	Non-haz contaminated soil	Clean Earth of Carteret	3408521	31.23	10:13:23 AM
26	4/19/2024	243070408	58-AX385X	3033465	Non-haz contaminated soil	Clean Earth of Carteret	3408543	27.44	10:21:55 AM
27	4/19/2024	243070408	45-AW726N	3033473	Non-haz contaminated soil	Clean Earth of Carteret	3409015	33.69	3:32:40 PM
28	4/19/2024	243070408	37-AX384K	3033472	Non-haz contaminated soil	Clean Earth of Carteret	3409022	31.37	3:40:26 PM
29	4/19/2024	243070408	55-AX227E	3033471	Non-haz contaminated soil	Clean Earth of Carteret	3409040	32.46	3:58:54 PM
30	4/19/2024	243070408	56-AX228E	3033474	Non-haz contaminated soil	Clean Earth of Carteret	3409043	31.9	4:09:23 PM
31	4/19/2024	243070408	57-AX229E	3033476	Non-haz contaminated soil	Clean Earth of Carteret	3409044	30.73	4:12:44 PM
32	4/19/2024	243070408	38-AU604U	3033477	Non-haz contaminated soil	Clean Earth of Carteret	3409046	33.45	4:15:54 PM
33	4/19/2024	243070408	89-AX932K	3033475	Non-haz contaminated soil	Clean Earth of Carteret	3409047	32.8	4:17:43 PM
34	4/19/2024	243070408	33-AT781U	3033478	Non-haz contaminated soil	Clean Earth of Carteret	3409049	32.97	4:24:21 PM
35	4/19/2024	243070408	42-AW844B	3033480	Non-haz contaminated soil	Clean Earth of Carteret	3409058	31.75	5:30:00 PM
36	4/22/2024	243070409	61-AX286W	2909251	Non-haz contaminated soil	Clean Earth of Carteret	3408393	28.06	8:53:28 AM
37	4/22/2024	243070409	40-AU606U	2909270	Non-haz contaminated soil	Clean Earth of Carteret	3409392	30.17	8:58:05 AM
38	4/22/2024	243070409	08-AU332P	2909252	Non-haz contaminated soil	Clean Earth of Carteret	3409426	27.74	9:14:34 AM
39	4/22/2024	243070409	50-AW645W	2909253	Non-haz contaminated soil	Clean Earth of Carteret	3409437	28.95	9:20:28 AM
40	4/22/2024	243070409	01-AX406N	2909256	Non-haz contaminated soil	Clean Earth of Carteret	3409470	32.87	9:33:01 AM
41	4/22/2024	243070409	37-AW262N	2909268	Non-haz contaminated soil	Clean Earth of Carteret	3409478	28.65	9:35:47 AM
42	4/22/2024	243070409	01-AY206H	2909255	Non-haz contaminated soil	Clean Earth of Carteret	3409490	30.01	9:42:31 AM
43	4/22/2024	243070409	54- AX226E	2909269	Non-haz contaminated soil	Clean Earth of Carteret	3409538	28.74	10:07:53 AM
44	4/22/2024	243070409	34-AT782U	2909254	Non-haz contaminated soil	Clean Earth of Carteret	3409546	29.23	10:13:14 AM
45	4/22/2024	243070409	44-AW725N	2909257	Non-haz contaminated soil	Clean Earth of Carteret	3409567	30.26	10:19:37 AM
46	4/22/2024	243070408	01-AX406N	3033452	Non-haz contaminated soil	Clean Earth of Carteret	3409683	34.47	12:55:53 PM
47	4/22/2024	243070408	07-AU851D	3033428	Non-haz contaminated soil	Clean Earth of Carteret	3409854	30.51	12:57:37 PM
48	4/22/2024	243070408	11-AY189N	3033429	Non-haz contaminated soil	Clean Earth of Carteret	3409856	30.7	12:58:46 PM
49	4/22/2024	243070408	10-AW854W	3033430	Non-haz contaminated soil	Clean Earth of Carteret	3409869	32.97	1:05:09 PM
50	4/22/2024	243070408	02-AX564M	3033425	Non-haz contaminated soil	Clean Earth of Carteret	3409873	30.58	1:05:58 PM
51	4/22/2024	243070408	03-AY996G	3033424	Non-haz contaminated soil	Clean Earth of Carteret	3409890	29.56	1:12:40 PM
52	4/22/2024	243070408	04-AU548H	3033426	Non-haz contaminated soil	Clean Earth of Carteret	3409899	30.97	1:15:40 PM
53	4/22/2024	243070408	37-AX384K	3033432	Non-haz contaminated soil	Clean Earth of Carteret	3409904	31.85	1:17:11 PM
54	4/22/2024	243070408	01-AP552Y	3033450	Non-haz contaminated soil	Clean Earth of Carteret	3409907	33.74	1:18:56 PM
55	4/22/2024	243070408	43-AW463F	3033427	Non-haz contaminated soil	Clean Earth of Carteret	3409926	29.78	1:26:40 PM
56	4/22/2024	243070408	01-AP552Y	3033434	Non-haz contaminated soil	Clean Earth of Carteret	3409930	32.19	1:28:03 PM
57	4/22/2024	243070408	04-AU548H	3033449	Non-haz contaminated soil	Clean Earth of Carteret	3409938	31.38	1:30:26 PM
58	4/22/2024	243070408	07-AU422T	3033435	Non-haz contaminated soil	Clean Earth of Carteret	3409949	32.12	1:33:21 PM
59	4/22/2024	243070408	08-ATA77J	3033433	Non-haz contaminated soil	Clean Earth of Carteret	3409950	31.92	1:34:20 PM
60	4/22/2024	243070408	08-ATA77J	3033451	Non-haz contaminated soil	Clean Earth of Carteret	3409971	32.41	1:48:12 PM
61	4/22/2024	243070408	54-AX226E	3033446	Non-haz contaminated soil	Clean Earth of Carteret	3409993	31.33	1:56:52 PM
62	4/22/2024	243070408	03-AY996C	3033448	Non-haz contaminated soil	Clean Earth of Carteret	3410003	32.48	1:58:36 PM
63	4/22/2024	243070408	01-AY200H	3033447	Non-haz contaminated soil	Clean Earth of Carteret	3410009	32.03	2:01:53 PM
64	4/22/2024	243070409	AY189N	2909267	Non-haz contaminated soil	Clean Earth of Carteret	3410045	31.18	2:30:46 PM
65	4/22/2024	243070408	10-AW854W	3033445	Non-haz contaminated soil	Clean Earth of Carteret	3410050	30.92	2:37:05 PM
66	4/22/2024	243070409	02-AX564M	2909266	Non-haz contaminated soil	Clean Earth of Carteret	3410052	31.7	2:38:36 PM
67	4/22/2024	243070408	07-AU857D	3033436	Non-haz contaminated soil	Clean Earth of Carteret	3410059	29.75	2:45:13 PM
68	4/22/2024	243070408	13-AY903R	3033437	Non-haz contaminated soil	Clean Earth of Carteret	3410061	35.54	2:46:43 PM
69	4/22/2024	243070409	29-AY902M	2909263	Non-haz contaminated soil	Clean Earth of Carteret	3410065	33.25	2:53:35 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
70	4/22/2024	243070408	34-AT782U	3033444	Non-haz contaminated soil	Clean Earth of Carteret	3410067	29.65	2:56:18 PM
71	4/22/2024	243070408	08-AY584R	3033441	Non-haz contaminated soil	Clean Earth of Carteret	3410069	33.84	2:58:59 PM
72	4/22/2024	243070409	s1315201	2909264	Non-haz contaminated soil	Clean Earth of Carteret	3410083	34.39	3:08:25 PM
73	4/22/2024	243070408	44-AW725N	3033443	Non-haz contaminated soil	Clean Earth of Carteret	3410100	29.52	3:16:43 PM
74	4/22/2024	243070409	43-AW463F	2909265	Non-haz contaminated soil	Clean Earth of Carteret	3410101	28.19	3:19:26 PM
75	4/22/2024	243070408	37-AX384K	3033442	Non-haz contaminated soil	Clean Earth of Carteret	3410105	32.63	3:21:54 PM
76	4/22/2024	243070408	06-AY664G	3033454	Non-haz contaminated soil	Clean Earth of Carteret	3410120	31.85	3:31:25 PM
77	4/22/2024	243070409	28-AY671U	2909262	Non-haz contaminated soil	Clean Earth of Carteret	3410127	31.71	3:34:47 PM
78	4/22/2024	243070408	ax917d	3033440	Non-haz contaminated soil	Clean Earth of Carteret	3410140	33.13	4:02:09 PM
79	4/22/2024	243070408	AX680W	3033439	Non-haz contaminated soil	Clean Earth of Carteret	3410143	35.15	4:10:44 PM
80	4/22/2024	243070408	08-AU522P	3033453	Non-haz contaminated soil	Clean Earth of Carteret	3410147	32.04	4:29:04 PM
81	4/22/2024	243070409	52-AW462X	2909261	Non-haz contaminated soil	Clean Earth of Carteret	3410150	29.42	4:45:23 PM
82	4/22/2024	243070408	59-AX932K	3033438	Non-haz contaminated soil	Clean Earth of Carteret	3410152	28.55	4:48:47 PM
83	4/22/2024	243070409	40-AU606U	2909260	Non-haz contaminated soil	Clean Earth of Carteret	3410202	29.56	5:35:00 PM
84	4/23/2024	243070408	AY993U	3033421	Non-haz contaminated soil	Clean Earth of Carteret	3408390	25.31	8:35:21 AM
85	4/23/2024	243070408	wh21739	3033422	Non-haz contaminated soil	Clean Earth of Carteret	3410364	25.21	8:38:11 AM
86	4/23/2024	243070409	5460-AS921P	2909271	Non-haz contaminated soil	Clean Earth of Carteret	3409347	25.77	8:51:02 AM
87	4/23/2024	243070409	78-AW570M	2909289	Non-haz contaminated soil	Clean Earth of Carteret	3410392	24.66	8:55:20 AM
88	4/23/2024	243070409	5461-AYG75X	2909290	Non-haz contaminated soil	Clean Earth of Carteret	3410396	25.19	8:56:48 AM
89	4/23/2024	243070409	10-AY772L	2909273	Non-haz contaminated soil	Clean Earth of Carteret	3410421	31.57	9:11:46 AM
90	4/23/2024	243070408	47-AW728M	3033423	Non-haz contaminated soil	Clean Earth of Carteret	3410442	23.08	9:19:28 AM
91	4/23/2024	243070409	45-AW726N	2909286	Non-haz contaminated soil	Clean Earth of Carteret	3410476	27.3	9:33:41 AM
92	4/23/2024	243070408	AT778U	3033418	Non-haz contaminated soil	Clean Earth of Carteret	3410485	26	9:37:35 AM
93	4/23/2024	243070408	50-AW645W	3033420	Non-haz contaminated soil	Clean Earth of Carteret	3410490	24.98	9:40:10 AM
94	4/23/2024	243070409	12-AW421C	2909287	Non-haz contaminated soil	Clean Earth of Carteret	3410500	28.27	9:43:20 AM
95	4/23/2024	243070409	03-AU692P	2909284	Non-haz contaminated soil	Clean Earth of Carteret	3410502	28.56	9:45:08 AM
96	4/23/2024	243070408	01-AY869L	3033408	Non-haz contaminated soil	Clean Earth of Carteret	3410506	29.71	9:46:37 AM
97	4/23/2024	243070408	12-AY791A	3033407	Non-haz contaminated soil	Clean Earth of Carteret	3410516	28.29	9:51:15 AM
98	4/23/2024	243070408	AW823D	3033414	Non-haz contaminated soil	Clean Earth of Carteret	3410526	26.8	9:57:12 AM
99	4/23/2024	243070409	51-AW463X	2909288	Non-haz contaminated soil	Clean Earth of Carteret	3410531	26.97	9:58:35 AM
100	4/23/2024	243070408	60-AX287W	3033419	Non-haz contaminated soil	Clean Earth of Carteret	3410538	26.75	10:01:43 AM
101	4/23/2024	243070408	48-AW643W	3033415	Non-haz contaminated soil	Clean Earth of Carteret	3410540	27.23	10:03:14 AM
102	4/23/2024	243070408	56-AX228E	3033417	Non-haz contaminated soil	Clean Earth of Carteret	3410541	25.27	10:04:42 AM
103	4/23/2024	243070408	46-AW727N	3033416	Non-haz contaminated soil	Clean Earth of Carteret	3410547	29.95	10:07:58 AM
104	4/23/2024	243070408	AY176T	3033410	Non-haz contaminated soil	Clean Earth of Carteret	3410566	27.53	10:13:21 AM
105	4/23/2024	243070409	33-AT781U	2909272	Non-haz contaminated soil	Clean Earth of Carteret	3410568	29.25	10:14:26 AM
106	4/23/2024	243070408	39-AX932K	3033412	Non-haz contaminated soil	Clean Earth of Carteret	3410575	25.79	10:16:03 AM
107	4/23/2024	243070409	08-AY297X	2909285	Non-haz contaminated soil	Clean Earth of Carteret	3410581	28.28	10:17:15 AM
108	4/23/2024	243070408	42-AW544B	3033411	Non-haz contaminated soil	Clean Earth of Carteret	3410592	24.89	10:20:28 AM
109	4/23/2024	243070408	55-AX227E	3033409	Non-haz contaminated soil	Clean Earth of Carteret	3410597	26.48	10:21:55 AM
110	4/23/2024	243070408	08-AX388R	3033413	Non-haz contaminated soil	Clean Earth of Carteret	3410601	26.71	10:23:12 AM
111	4/23/2024	243070409	01-AY851T	2909281	Non-haz contaminated soil	Clean Earth of Carteret	3410641	32.13	10:42:54 AM
112	4/23/2024	243070409	09-AX378P	2909283	Non-haz contaminated soil	Clean Earth of Carteret	3410642	32.61	10:44:41 AM
113	4/23/2024	243070409	06-AW259B	2909282	Non-haz contaminated soil	Clean Earth of Carteret	3410665	28.83	10:55:19 AM
114	4/23/2024	243070408	13-AY774E	3033406	Non-haz contaminated soil	Clean Earth of Carteret	3410724	27.3	11:25:03 AM
115	4/23/2024	243070408	20-AY792A	3033405	Non-haz contaminated soil	Clean Earth of Carteret	3410764	35.16	11:57:25 AM
116	4/23/2024	243070408	02-AY183C	3033404	Non-haz contaminated soil	Clean Earth of Carteret	3410769	33.71	12:00:21 PM
117	4/23/2024	243070408	45-AW726N	3033402	Non-haz contaminated soil	Clean Earth of Carteret	3410850	34.04	12:34:38 PM
118	4/23/2024	243070408	30-AT778U	3033401	Non-haz contaminated soil	Clean Earth of Carteret	3410917	32.71	12:54:28 PM
119	4/23/2024	243070408	47-AW728M	3033403	Non-haz contaminated soil	Clean Earth of Carteret	3410953	34.24	1:13:16 PM
120	4/23/2024	243070408	51-AW463X	3033399	Non-haz contaminated soil	Clean Earth of Carteret	3410985	32.69	1:28:09 PM
121	4/23/2024	243070408	48-AW643W	3033397	Non-haz contaminated soil	Clean Earth of Carteret	3410993	31.58	1:31:22 PM
122	4/23/2024	243070408	61-AY176T	3033395	Non-haz contaminated soil	Clean Earth of Carteret	3410998	31.78	1:32:51 PM
123	4/23/2024	243070408	05-AW645W	3033400	Non-haz contaminated soil	Clean Earth of Carteret	3411006	29.88	1:36:13 PM
124	4/23/2024	243070408	60-AX287W	3033398	Non-haz contaminated soil	Clean Earth of Carteret	3411012	31.15	1:38:05 PM
125	4/23/2024	243070408	56-AX228E	3033396	Non-haz contaminated soil	Clean Earth of Carteret	3411015	31.86	1:40:37 PM
126	4/23/2024	243070408	46-AW727N	3033393	Non-haz contaminated soil	Clean Earth of Carteret	3411044	31.81	1:55:05 PM
127	4/23/2024	243070408	59-AX932K	3033392	Non-haz contaminated soil	Clean Earth of Carteret	3411049	29.64	1:59:38 PM
128	4/23/2024	243070408	33-AT781U	3033394	Non-haz contaminated soil	Clean Earth of Carteret	3411062	31.96	2:05:32 PM
129	4/23/2024	243070408	58-AX385K	3033391	Non-haz contaminated soil	Clean Earth of Carteret	3411071	29.13	2:07:59 PM
130	4/23/2024	243070408	55-AX227E	3033389	Non-haz contaminated soil	Clean Earth of Carteret	3411080	32.6	2:10:17 PM
131	4/23/2024	243070408	42-AW544B	3033390	Non-haz contaminated soil	Clean Earth of Carteret	3411099	32.21	2:21:30 PM
132	4/23/2024	243070408	09-AY259E	3033388	Non-haz contaminated soil	Clean Earth of Carteret	3411220	32.17	3:37:59 PM
133	4/24/2024	243070408	02-AW919J	3033384	Non-haz contaminated soil	Clean Earth of Carteret	3408391	28.4	6:16:26 AM
134	4/24/2024	243070408	07-AY998C	3033334	Non-haz contaminated soil	Clean Earth of Carteret	3411455	31.78	8:44:20 AM
135	4/24/2024	243070408	5460-AS921V	3033335	Non-haz contaminated soil	Clean Earth of Carteret	3411464	29.97	8:52:20 AM
136	4/24/2024	243070408	777-AY856K	3033338	Non-haz contaminated soil	Clean Earth of Carteret	3411466	34.8	8:53:57 AM
137	4/24/2024	243070409	5461-AY675X	2909310	Non-haz contaminated soil	Clean Earth of Carteret	3409414	27.11	9:01:43 AM
138	4/24/2024	243070408	10-EY762R	3033339	Non-haz contaminated soil	Clean Earth of Carteret	3411481	34.31	9:03:38 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
139	4/24/2024	243070409	07-AX426N	2909309	Non-haz contaminated soil	Clean Earth of Carteret	3411483	24.53	9:05:36 AM
140	4/24/2024	243070408	01-AX553F	3033336	Non-haz contaminated soil	Clean Earth of Carteret	3411490	33.46	9:08:44 AM
141	4/24/2024	243070408	02-AY993U	3033337	Non-haz contaminated soil	Clean Earth of Carteret	3411491	27.67	9:10:26 AM
142	4/24/2024	243070408	10-AX660Z	3033342	Non-haz contaminated soil	Clean Earth of Carteret	3411495	31.38	9:12:14 AM
143	4/24/2024	243070408	15-AW249J	3033343	Non-haz contaminated soil	Clean Earth of Carteret	3411498	29.59	9:15:36 AM
144	4/24/2024	243070409	12-AW421C	2909305	Non-haz contaminated soil	Clean Earth of Carteret	3411500	29.07	9:17:20 AM
145	4/24/2024	243070408	06-AY664G	3033340	Non-haz contaminated soil	Clean Earth of Carteret	3411506	31.23	9:20:35 AM
146	4/24/2024	243070409	01-AX680W	2909306	Non-haz contaminated soil	Clean Earth of Carteret	3411517	33.89	9:25:24 AM
147	4/24/2024	243070409	01-AY393R	2909307	Non-haz contaminated soil	Clean Earth of Carteret	3411537	30.01	9:30:37 AM
148	4/24/2024	243070408	05-AY391G	3033347	Non-haz contaminated soil	Clean Earth of Carteret	3411542	30.76	9:32:21 AM
149	4/24/2024	243070408	07-AX217K	3033345	Non-haz contaminated soil	Clean Earth of Carteret	3411562	28.08	9:44:34 AM
150	4/24/2024	243070408	08-AY584R	3033349	Non-haz contaminated soil	Clean Earth of Carteret	3411572	32.94	9:48:09 AM
151	4/24/2024	243070409	AY679J	2909304	Non-haz contaminated soil	Clean Earth of Carteret	3411583	29.475	9:55:23 AM
152	4/24/2024	243070408	10-AY144M	3033346	Non-haz contaminated soil	Clean Earth of Carteret	3411586	30.84	9:57:15 AM
153	4/24/2024	243070408	09-AX470Y	3033350	Non-haz contaminated soil	Clean Earth of Carteret	3411589	31.87	9:59:14 AM
154	4/24/2024	243070409	06-AY375R	2909298	Non-haz contaminated soil	Clean Earth of Carteret	3411605	29.19	10:08:19 AM
155	4/24/2024	243070409	14-AY400Z	2909302	Non-haz contaminated soil	Clean Earth of Carteret	3411611	26.22	10:10:31 AM
156	4/24/2024	243070409	11-AW251J	2909300	Non-haz contaminated soil	Clean Earth of Carteret	3411616	28.43	10:12:40 AM
157	4/24/2024	243070409	02-AZ377A	2909297	Non-haz contaminated soil	Clean Earth of Carteret	3411621	30.55	10:14:23 AM
158	4/24/2024	243070408	03-AY999C	3033383	Non-haz contaminated soil	Clean Earth of Carteret	3411653	33.68	10:22:38 AM
159	4/24/2024	243070408	12-AY791A	3033354	Non-haz contaminated soil	Clean Earth of Carteret	3411656	30.85	10:24:55 AM
160	4/24/2024	243070408	37-AW262N	3033381	Non-haz contaminated soil	Clean Earth of Carteret	3411665	32.23	10:30:13 AM
161	4/24/2024	243070408	10-AY772L	3033355	Non-haz contaminated soil	Clean Earth of Carteret	3411679	31.42	10:37:05 AM
162	4/24/2024	243070408	04-AU548H	3033344	Non-haz contaminated soil	Clean Earth of Carteret	3411684	30.29	10:39:02 AM
163	4/24/2024	243070409	02-AU927B	2909295	Non-haz contaminated soil	Clean Earth of Carteret	3411686	29.16	10:40:55 AM
164	4/24/2024	243070409	13-AY903R	2909299	Non-haz contaminated soil	Clean Earth of Carteret	3411693	29.53	10:42:43 AM
165	4/24/2024	243070408	06-AX248Z	3033357	Non-haz contaminated soil	Clean Earth of Carteret	3411701	31.87	10:44:11 AM
166	4/24/2024	243070408	26-AW106R	3033356	Non-haz contaminated soil	Clean Earth of Carteret	3411704	30.42	10:46:09 AM
167	4/24/2024	243070408	28-AY671U	3033352	Non-haz contaminated soil	Clean Earth of Carteret	3411706	31.86	10:48:12 AM
168	4/24/2024	243070408	17-AV919R	3033353	Non-haz contaminated soil	Clean Earth of Carteret	3411712	30.76	10:50:42 AM
169	4/24/2024	243070409	05-AV260R	2909296	Non-haz contaminated soil	Clean Earth of Carteret	3411719	27.62	10:53:22 AM
170	4/24/2024	243070408	01-AO438F	3033348	Non-haz contaminated soil	Clean Earth of Carteret	3411722	33.44	10:54:43 AM
171	4/24/2024	243070409	27-AX891H	2909294	Non-haz contaminated soil	Clean Earth of Carteret	3411730	29.41	10:56:45 AM
172	4/24/2024	243070408	08-AT477J	3033351	Non-haz contaminated soil	Clean Earth of Carteret	3411747	32.92	11:04:39 AM
173	4/24/2024	243070408	13-AY495T	3033380	Non-haz contaminated soil	Clean Earth of Carteret	3411812	29.8	11:27:04 AM
174	4/24/2024	243070409	07-AY998C	2909291	Non-haz contaminated soil	Clean Earth of Carteret	3411866	32.85	12:00:12 PM
175	4/24/2024	243070409	24-AU100F	2909292	Non-haz contaminated soil	Clean Earth of Carteret	3411875	28.16	12:03:19 PM
176	4/24/2024	243070409	01-AX680W	2909293	Non-haz contaminated soil	Clean Earth of Carteret	3411902	33.2	12:21:25 PM
177	4/24/2024	243070408	06-AY664G	3033379	Non-haz contaminated soil	Clean Earth of Carteret	3411904	30.19	12:23:22 PM
178	4/24/2024	243070408	08-AY584R	3033378	Non-haz contaminated soil	Clean Earth of Carteret	3411967	32.13	12:57:25 PM
179	4/24/2024	243070408	37-AW262N	3033376	Non-haz contaminated soil	Clean Earth of Carteret	3411985	33.7	1:03:00 PM
180	4/24/2024	243070408	09-AX470T	3033377	Non-haz contaminated soil	Clean Earth of Carteret	3412000	32.42	1:07:41 PM
181	4/24/2024	243070408	01-AP552Y	3033382	Non-haz contaminated soil	Clean Earth of Carteret	3412002	33.31	1:09:18 PM
182	4/24/2024	243070408	28-AY671U	3033373	Non-haz contaminated soil	Clean Earth of Carteret	3412039	31.33	1:31:03 PM
183	4/24/2024	243070408	13-AY903K	3033374	Non-haz contaminated soil	Clean Earth of Carteret	3412060	32.04	1:39:51 PM
184	4/24/2024	243070409	03-AY297X	2909303	Non-haz contaminated soil	Clean Earth of Carteret	3412061	28.26	1:42:25 PM
185	4/24/2024	243070409	02-AX564M	2909308	Non-haz contaminated soil	Clean Earth of Carteret	3412070	27.75	1:46:13 PM
186	4/24/2024	243070408	75-AW632L	3033375	Non-haz contaminated soil	Clean Earth of Carteret	3412104	23.41	2:07:55 PM
187	4/24/2024	243070409	01-AY206H	2909301	Non-haz contaminated soil	Clean Earth of Carteret	3412131	25.8	2:19:53 PM
188	4/24/2024	243070408	01-AR438F	3033372	Non-haz contaminated soil	Clean Earth of Carteret	3412145	32.32	2:25:16 PM
189	4/24/2024	243070408	03-AY996C	3033341	Non-haz contaminated soil	Clean Earth of Carteret	3412161	32.02	2:33:27 PM
190	4/24/2024	243070408	06-AX248Z	3033371	Non-haz contaminated soil	Clean Earth of Carteret	3412197	30.81	2:47:28 PM
191	4/24/2024	243070408	48-AW643W	3033368	Non-haz contaminated soil	Clean Earth of Carteret	3412212	30.71	2:57:37 PM
192	4/24/2024	243070408	57-AX229E	3033369	Non-haz contaminated soil	Clean Earth of Carteret	3412229	31.13	3:03:01 PM
193	4/24/2024	243070408	37-AX384K	3033367	Non-haz contaminated soil	Clean Earth of Carteret	3412250	29.49	3:10:16 PM
194	4/24/2024	243070408	08-AT477J	3033370	Non-haz contaminated soil	Clean Earth of Carteret	3412252	30.3	3:12:00 PM
195	4/24/2024	243070408	03-AU762G	3033366	Non-haz contaminated soil	Clean Earth of Carteret	3412288	33.6	3:56:36 PM
196	4/24/2024	243070408	06-AY995C	3033365	Non-haz contaminated soil	Clean Earth of Carteret	3412289	28.34	3:58:57 PM
197	4/24/2024	243070408	AX917D	3033364	Non-haz contaminated soil	Clean Earth of Carteret	3412293	34.61	4:14:02 PM
198	4/24/2024	243070408	54-AX226E	3033363	Non-haz contaminated soil	Clean Earth of Carteret	3412297	32.3	4:24:20 PM
199	4/24/2024	243070408	08-AY847K	3033362	Non-haz contaminated soil	Clean Earth of Carteret	3412300	31.04	4:29:55 PM
200	4/24/2024	243070408	62-AY176T	3033361	Non-haz contaminated soil	Clean Earth of Carteret	3412304	29.56	4:45:34 PM
201	4/25/2024	243070408	03-AU692P	3033313	Non-haz contaminated soil	Clean Earth of Carteret	3413394	32.11	5:51:32 AM
202	4/25/2024	243070408	5460-AS921P	3033333	Non-haz contaminated soil	Clean Earth of Carteret	3411209	30.64	8:34:32 AM
203	4/25/2024	243070409	28-AY671U	2909315	Non-haz contaminated soil	Clean Earth of Carteret	3411210	30.23	8:37:48 AM
204	4/25/2024	243070409	29-AY902M	2909318	Non-haz contaminated soil	Clean Earth of Carteret	3412522	29.4	8:39:37 AM
205	4/25/2024	243070409	5461-AY675X	2909320	Non-haz contaminated soil	Clean Earth of Carteret	3412529	31.41	8:44:18 AM
206	4/25/2024	243070408	01-AX553F	3033332	Non-haz contaminated soil	Clean Earth of Carteret	3412538	29.89	8:46:21 AM
207	4/25/2024	243070409	02-AY993U	2909319	Non-haz contaminated soil	Clean Earth of Carteret	3412542	25.54	8:48:06 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
208	4/25/2024	243070409	01-AR438F	2909316	Non-haz contaminated soil	Clean Earth of Carteret	3412546	33.6	8:50:00 AM
209	4/25/2024	243070408	ay762r	3033331	Non-haz contaminated soil	Clean Earth of Carteret	3412556	33.06	8:53:44 AM
210	4/25/2024	243070408	07-AX426N	3033329	Non-haz contaminated soil	Clean Earth of Carteret	3412566	30	8:57:32 AM
211	4/25/2024	243070408	12-AY791A	3033328	Non-haz contaminated soil	Clean Earth of Carteret	3412583	31.86	9:06:03 AM
212	4/25/2024	243070408	08-AY584R	3033323	Non-haz contaminated soil	Clean Earth of Carteret	3412589	29.19	9:09:28 AM
213	4/25/2024	243070408	05-AV260R	3033325	Non-haz contaminated soil	Clean Earth of Carteret	3412605	31.62	9:15:18 AM
214	4/25/2024	243070409	13-AY903R	2909314	Non-haz contaminated soil	Clean Earth of Carteret	3412657	32.28	9:31:46 AM
215	4/25/2024	243070409	01-AY700H	2909317	Non-haz contaminated soil	Clean Earth of Carteret	3412664	32.83	9:36:37 AM
216	4/25/2024	243070408	50-AW645W	3033327	Non-haz contaminated soil	Clean Earth of Carteret	3412677	29.75	9:41:13 AM
217	4/25/2024	243070408	58-AX385R	3033326	Non-haz contaminated soil	Clean Earth of Carteret	3412709	29.18	9:55:41 AM
218	4/25/2024	243070408	11-AZ374A	3033324	Non-haz contaminated soil	Clean Earth of Carteret	3412771	28.49	10:31:30 AM
219	4/25/2024	243070409	02-AU927B	2909313	Non-haz contaminated soil	Clean Earth of Carteret	3412870	30.72	11:16:25 AM
220	4/25/2024	243070409	06-AY375R	2909311	Non-haz contaminated soil	Clean Earth of Carteret	3412887	33.28	11:21:18 AM
221	4/25/2024	243070409	05-AY391G	2909312	Non-haz contaminated soil	Clean Earth of Carteret	3412896	30.61	11:26:04 AM
222	4/25/2024	243070408	08-AZ331A	3033322	Non-haz contaminated soil	Clean Earth of Carteret	3412928	33.17	11:53:58 AM
223	4/25/2024	243070408	AX848L	3033319	Non-haz contaminated soil	Clean Earth of Carteret	3412931	33.16	11:56:00 AM
224	4/25/2024	243070408	29-AY902M	3033321	Non-haz contaminated soil	Clean Earth of Carteret	3412965	32.75	12:07:02 PM
225	4/25/2024	243070408	01-AR438F	3033318	Non-haz contaminated soil	Clean Earth of Carteret	3412975	34.56	12:12:50 PM
226	4/25/2024	243070408	28-AY671U	3033320	Non-haz contaminated soil	Clean Earth of Carteret	3413011	32.49	12:27:44 PM
227	4/25/2024	243070408	50-AW645W	3033317	Non-haz contaminated soil	Clean Earth of Carteret	3413173	31.37	2:00:01 PM
228	4/25/2024	243070408	57-AX385K	3033315	Non-haz contaminated soil	Clean Earth of Carteret	3413175	31.38	2:01:34 PM
229	4/25/2024	243070408	01-AY206H	3033316	Non-haz contaminated soil	Clean Earth of Carteret	3413182	32.92	2:04:47 PM
230	4/25/2024	243070408	AT778U	3033314	Non-haz contaminated soil	Clean Earth of Carteret	3413319	30.29	4:15:19 PM
231	4/25/2024	243070408	61-AX286W	3033360	Non-haz contaminated soil	Clean Earth of Carteret	3413348	28.85	5:30:00 PM
232	4/29/2024	243070409	AY671U	2909321	Non-haz contaminated soil	Clean Earth of Carteret	3413332	32.08	7:59:27 AM
233	4/29/2024	243070409	07-AZ370A	2909332	Non-haz contaminated soil	Clean Earth of Carteret	3414700	34.32	8:32:27 AM
234	4/29/2024	243070408	02-AU927B	3033279	Non-haz contaminated soil	Clean Earth of Carteret	3413331	34.91	8:44:28 AM
235	4/29/2024	243070408	07-AY998C	3033276	Non-haz contaminated soil	Clean Earth of Carteret	3414758	32.11	9:01:38 AM
236	4/29/2024	243070408	06-AY375R	3033280	Non-haz contaminated soil	Clean Earth of Carteret	3414762	21.49	9:04:18 AM
237	4/29/2024	243070408	01-AX680W	3033274	Non-haz contaminated soil	Clean Earth of Carteret	3414778	34.12	9:11:10 AM
238	4/29/2024	243070408	AX917D	3033275	Non-haz contaminated soil	Clean Earth of Carteret	3414782	33	9:12:49 AM
239	4/29/2024	243070409	06-AY664G	2909333	Non-haz contaminated soil	Clean Earth of Carteret	3414786	30.86	9:14:20 AM
240	4/29/2024	243070408	61-AX286W	3033277	Non-haz contaminated soil	Clean Earth of Carteret	3414801	31.76	9:20:45 AM
241	4/29/2024	243070408	05-AU260R	3033311	Non-haz contaminated soil	Clean Earth of Carteret	3414843	32.36	9:31:38 AM
242	4/29/2024	243070409	05-AY391G	2909331	Non-haz contaminated soil	Clean Earth of Carteret	3414854	30.64	9:35:09 AM
243	4/29/2024	243070408	01-AR438F	3033308	Non-haz contaminated soil	Clean Earth of Carteret	3414860	34.87	9:36:24 AM
244	4/29/2024	243070409	10-AY464M	2909323	Non-haz contaminated soil	Clean Earth of Carteret	3414865	30.4	9:38:10 AM
245	4/29/2024	243070409	56-AX228E	2909322	Non-haz contaminated soil	Clean Earth of Carteret	3414889	29.56	9:45:26 AM
246	4/29/2024	243070408	AT259F	3033278	Non-haz contaminated soil	Clean Earth of Carteret	3414913	32.51	9:52:21 AM
247	4/29/2024	243070409	59-AX932K	2909325	Non-haz contaminated soil	Clean Earth of Carteret	3414925	24.79	9:56:54 AM
248	4/29/2024	243070408	21-AW232K	3033309	Non-haz contaminated soil	Clean Earth of Carteret	3414929	31.22	9:57:23 AM
249	4/29/2024	243070409	53-AX457D	2909324	Non-haz contaminated soil	Clean Earth of Carteret	3414930	29.49	9:58:15 AM
250	4/29/2024	243070409	09-AZ372A	2909328	Non-haz contaminated soil	Clean Earth of Carteret	3414933	30.14	9:59:41 AM
251	4/29/2024	243070408	09-AW465J	3033312	Non-haz contaminated soil	Clean Earth of Carteret	3414939	28.69	10:01:18 AM
252	4/29/2024	243070409	AW887V	2909327	Non-haz contaminated soil	Clean Earth of Carteret	3414943	29.94	10:03:02 AM
253	4/29/2024	243070409	08-AU944U	2909326	Non-haz contaminated soil	Clean Earth of Carteret	3414946	29.1	10:04:31 AM
254	4/29/2024	243070408	09-AW118J	3033282	Non-haz contaminated soil	Clean Earth of Carteret	3414951	32.11	10:07:31 AM
255	4/29/2024	243070409	12-AW421G	2909330	Non-haz contaminated soil	Clean Earth of Carteret	3414969	29.1	10:12:22 AM
256	4/29/2024	243070408	78-AW570M	3033281	Non-haz contaminated soil	Clean Earth of Carteret	3414987	32.53	10:18:30 AM
257	4/29/2024	243070409	23-AY853M	2909329	Non-haz contaminated soil	Clean Earth of Carteret	3415002	27.68	10:30:44 AM
258	4/29/2024	243070408	24-AX918P	3033310	Non-haz contaminated soil	Clean Earth of Carteret	3415016	31.04	10:37:27 AM
259	4/29/2024	243070408	01-AY983L	3033283	Non-haz contaminated soil	Clean Earth of Carteret	3415026	31.8	10:40:05 AM
260	4/29/2024	243070408	03-AW312C	3033303	Non-haz contaminated soil	Clean Earth of Carteret	3415029	33.59	10:41:35 AM
261	4/29/2024	243070409	02-AW311C	2909377	Non-haz contaminated soil	Clean Earth of Carteret	3415033	28.84	10:44:44 AM
262	4/29/2024	243020052	10-AX652Y	2925503	Non-haz contaminated soil	Clean Earth of New Castle	3413982	31.02	10:48:46 AM
263	4/29/2024	243020052	AZ375A	2925501	Non-haz contaminated soil	Clean Earth of New Castle	3415050	33.53	10:55:55 AM
264	4/29/2024	243020052	13-AY903R	2925502	Non-haz contaminated soil	Clean Earth of New Castle	3415066	32	10:59:38 AM
265	4/29/2024	243070408	04-AY984L	3033302	Non-haz contaminated soil	Clean Earth of Carteret	3415068	30.65	11:00:52 AM
266	4/29/2024	243020052	08-AY847K	2925525	Non-haz contaminated soil	Clean Earth of New Castle	3415071	30.57	11:01:21 AM
267	4/29/2024	243020052	04-AX177N	2925507	Non-haz contaminated soil	Clean Earth of New Castle	3415084	32.54	11:09:22 AM
268	4/29/2024	243020052	29-AY902M	2925500	Non-haz contaminated soil	Clean Earth of New Castle	3415089	31.91	11:11:26 AM
269	4/29/2024	243020052	01-AS420W	2925524	Non-haz contaminated soil	Clean Earth of New Castle	3415106	31.84	11:21:21 AM
270	4/29/2024	243020052	08-AW770P	2925505	Non-haz contaminated soil	Clean Earth of New Castle	3415122	32.47	11:28:59 AM
271	4/29/2024	243020052	03-AY553W	2925504	Non-haz contaminated soil	Clean Earth of New Castle	3415124	32.9	11:31:53 AM
272	4/29/2024	243020052	28-AY671U	2925510	Non-haz contaminated soil	Clean Earth of New Castle	3415129	31.51	11:34:15 AM
273	4/29/2024	243020052	11-AZ374A	2925509	Non-haz contaminated soil	Clean Earth of New Castle	3415174	32.88	11:49:56 AM
274	4/29/2024	243020052	07-AZ370A	2925511	Non-haz contaminated soil	Clean Earth of New Castle	3415190	33.64	11:55:42 AM
275	4/29/2024	243020052	48-AW643W	2925506	Non-haz contaminated soil	Clean Earth of New Castle	3415222	30.86	12:09:22 PM
276	4/29/2024	243020052	06-AY375R	2925512	Non-haz contaminated soil	Clean Earth of New Castle	3415261	32.13	12:23:39 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
277	4/29/2024	243020052	02-AU927B	2925513	Non-haz contaminated soil	Clean Earth of New Castle	3415272	28.2	12:27:28 PM
278	4/29/2024	243070408	01-AR438F	3033301	Non-haz contaminated soil	Clean Earth of Carteret	3415279	32.82	12:29:10 PM
279	4/29/2024	243020052	55-AX227E	2925508	Non-haz contaminated soil	Clean Earth of New Castle	3415285	31.37	12:30:40 PM
280	4/29/2024	243020052	07-AY998C	2925514	Non-haz contaminated soil	Clean Earth of New Castle	3415341	30.38	12:58:45 PM
281	4/29/2024	243020052	NJ-AX917D	2925517	Non-haz contaminated soil	Clean Earth of New Castle	3415399	31.2	1:24:49 PM
282	4/29/2024	243020052	06-AY664G	2925516	Non-haz contaminated soil	Clean Earth of New Castle	3415420	30.57	1:30:03 PM
283	4/29/2024	243020052	NJ-AX680W	2925515	Non-haz contaminated soil	Clean Earth of New Castle	3415438	31.54	1:37:15 PM
284	4/29/2024	243020052	NJ-AY391G	2925519	Non-haz contaminated soil	Clean Earth of New Castle	3415450	31.63	1:42:45 PM
285	4/29/2024	243070408	20-AW799V	3033300	Non-haz contaminated soil	Clean Earth of Carteret	3415461	33.24	1:46:15 PM
286	4/29/2024	243020052	61-AX286W	2925518	Non-haz contaminated soil	Clean Earth of New Castle	3415475	25.8	1:51:43 PM
287	4/29/2024	243020052	05-AU260R	2925520	Non-haz contaminated soil	Clean Earth of New Castle	3415483	32.48	1:54:35 PM
288	4/29/2024	243070408	53-AX457D	3033298	Non-haz contaminated soil	Clean Earth of Carteret	3415512	31.03	2:03:29 PM
289	4/29/2024	243070408	09-AZ372A	3033299	Non-haz contaminated soil	Clean Earth of Carteret	3415518	32.93	2:05:04 PM
290	4/29/2024	243070408	AY678S	3033296	Non-haz contaminated soil	Clean Earth of Carteret	3415561	31.1	2:25:58 PM
291	4/29/2024	243020052	56-AX228E	2925521	Non-haz contaminated soil	Clean Earth of New Castle	3415563	30.47	2:26:14 PM
292	4/29/2024	243070408	04-AY510M	3033297	Non-haz contaminated soil	Clean Earth of Carteret	3415603	33.74	2:44:01 PM
293	4/29/2024	243020052	59-AX932K	2925522	Non-haz contaminated soil	Clean Earth of New Castle	3415648	25.76	3:04:51 PM
294	4/29/2024	243070408	10-AX373A	3033295	Non-haz contaminated soil	Clean Earth of Carteret	3415673	36.65	3:17:04 PM
295	4/29/2024	243070408	13-AY903R	3033293	Non-haz contaminated soil	Clean Earth of Carteret	3415683	32.58	3:21:49 PM
296	4/29/2024	243070408	12-AZ375A	3033294	Non-haz contaminated soil	Clean Earth of Carteret	3415715	36.98	3:28:44 PM
297	4/29/2024	243070408	08-AY847K	3033292	Non-haz contaminated soil	Clean Earth of Carteret	3415733	30.64	3:32:47 PM
298	4/29/2024	243070408	29-AY902M	3033291	Non-haz contaminated soil	Clean Earth of Carteret	3415743	31.88	3:39:18 PM
299	4/29/2024	243070408	30-AT778U	3033290	Non-haz contaminated soil	Clean Earth of Carteret	3415749	29.77	3:45:03 PM
300	4/29/2024	243070408	04-AX177W	3033289	Non-haz contaminated soil	Clean Earth of Carteret	3415763	33.42	3:53:26 PM
301	4/29/2024	243070408	40-AU606U	3033288	Non-haz contaminated soil	Clean Earth of Carteret	3415781	29.12	4:48:16 PM
302	4/30/2024	243030008	04-AY510M	3029442	Non-haz contaminated soil	Clean Earth of Bethlehem	3417317	30.04	6:58:33 AM
303	4/30/2024	243070408	5460-AS921P	3033251	Non-haz contaminated soil	Clean Earth of Carteret	3413333	29.31	9:12:34 AM
304	4/30/2024	243070408	01-AX553F	3033249	Non-haz contaminated soil	Clean Earth of Carteret	3416154	32.16	9:18:05 AM
305	4/30/2024	243070408	02-AY993U	3033250	Non-haz contaminated soil	Clean Earth of Carteret	3416174	31.04	9:22:58 AM
306	4/30/2024	243070408	20-AY792A	3033254	Non-haz contaminated soil	Clean Earth of Carteret	3416180	34.01	9:25:08 AM
307	4/30/2024	243070408	06-AW858W	3033252	Non-haz contaminated soil	Clean Earth of Carteret	3416187	31.45	9:26:45 AM
308	4/30/2024	243070408	AY762R	3033255	Non-haz contaminated soil	Clean Earth of Carteret	3416230	34.7	9:44:30 AM
309	4/30/2024	243030008	61-AX286W	3029419	Non-haz contaminated soil	Clean Earth of Bethlehem	3413338	25.47	9:48:44 AM
310	4/30/2024	243070408	10-AY464M	3033257	Non-haz contaminated soil	Clean Earth of Carteret	3416256	32.29	9:50:15 AM
311	4/30/2024	243070408	21-AZ639A	3033256	Non-haz contaminated soil	Clean Earth of Carteret	3416275	33.31	9:53:38 AM
312	4/30/2024	243070408	12-AW421C	3033260	Non-haz contaminated soil	Clean Earth of Carteret	3416284	31.89	9:56:43 AM
313	4/30/2024	243030008	40-AU606U	3029418	Non-haz contaminated soil	Clean Earth of Bethlehem	3416288	22.26	9:57:50 AM
314	4/30/2024	243070408	71-AU857D	3033253	Non-haz contaminated soil	Clean Earth of Carteret	3416290	30.9	9:58:35 AM
315	4/30/2024	243070408	18-AW856P	3033261	Non-haz contaminated soil	Clean Earth of Carteret	3416301	30.91	10:03:40 AM
316	4/30/2024	243030008	30-AT778U	3029401	Non-haz contaminated soil	Clean Earth of Bethlehem	3416314	25.03	10:07:56 AM
317	4/30/2024	243070408	78-AW570M	3033266	Non-haz contaminated soil	Clean Earth of Carteret	3416317	32.98	10:09:37 AM
318	4/30/2024	243070408	20-AW499V	3033264	Non-haz contaminated soil	Clean Earth of Carteret	3416330	34.7	10:13:32 AM
319	4/30/2024	243070408	03-AW312C	3033259	Non-haz contaminated soil	Clean Earth of Carteret	3416332	30.81	10:13:33 AM
320	4/30/2024	243070408	AT259F	3033258	Non-haz contaminated soil	Clean Earth of Carteret	3416341	29.2	10:16:25 AM
321	4/30/2024	243030008	07-AY217K	3029437	Non-haz contaminated soil	Clean Earth of Bethlehem	3416364	25.81	10:22:37 AM
322	4/30/2024	243030008	10-AY144M	3029438	Non-haz contaminated soil	Clean Earth of Bethlehem	3416379	24.12	10:27:15 AM
323	4/30/2024	243070408	01-AX406N	3033265	Non-haz contaminated soil	Clean Earth of Carteret	3416386	32.1	10:29:03 AM
324	4/30/2024	243070408	12-AY791A	3033262	Non-haz contaminated soil	Clean Earth of Carteret	3416393	28.97	10:31:50 AM
325	4/30/2024	243070408	08-AU465M	3033268	Non-haz contaminated soil	Clean Earth of Carteret	3416400	29.99	10:33:25 AM
326	4/30/2024	243030008	08-AYA77J	3029436	Non-haz contaminated soil	Clean Earth of Bethlehem	3416409	25.34	10:36:45 AM
327	4/30/2024	243070408	13-AW232K	3033263	Non-haz contaminated soil	Clean Earth of Carteret	3416412	30.71	10:38:03 AM
328	4/30/2024	243070408	01-AY983L	3033267	Non-haz contaminated soil	Clean Earth of Carteret	3416448	30.49	10:44:52 AM
329	4/30/2024	243070408	02-AW311C	3033269	Non-haz contaminated soil	Clean Earth of Carteret	3416484	28.03	10:55:52 AM
330	4/30/2024	243020052	08-AZ371A	3036982	Non-haz contaminated soil	Clean Earth of New Castle	3414038	35.58	11:01:06 AM
331	4/30/2024	243020052	13-AY903R	3036984	Non-haz contaminated soil	Clean Earth of New Castle	3416498	30.5	11:03:10 AM
332	4/30/2024	243030008	43-AW463F	3029421	Non-haz contaminated soil	Clean Earth of Bethlehem	3416501	28.35	11:03:53 AM
333	4/30/2024	243030008	01-AR438F	3029420	Non-haz contaminated soil	Clean Earth of Bethlehem	3416519	26.63	11:11:46 AM
334	4/30/2024	243020052	07-AZ370A	3036987	Non-haz contaminated soil	Clean Earth of New Castle	3416549	30.31	11:21:30 AM
335	4/30/2024	243020052	29-AY902M	3036998	Non-haz contaminated soil	Clean Earth of New Castle	3416553	29.9	11:23:02 AM
336	4/30/2024	243020052	01-AS420W	3036999	Non-haz contaminated soil	Clean Earth of New Castle	3416561	31.27	11:25:58 AM
337	4/30/2024	243020052	08-AY847K	3036995	Non-haz contaminated soil	Clean Earth of New Castle	3416567	26.55	11:27:24 AM
338	4/30/2024	243020052	03-AY555W	3036986	Non-haz contaminated soil	Clean Earth of New Castle	3416591	30.09	11:32:20 AM
339	4/30/2024	243020052	05-AU260R	3036983	Non-haz contaminated soil	Clean Earth of New Castle	3416604	31.1	11:35:51 AM
340	4/30/2024	243020052	NJ-AU927B	3036985	Non-haz contaminated soil	Clean Earth of New Castle	3416609	25.53	11:38:35 AM
341	4/30/2024	243030008	54-AX226E	3029433	Non-haz contaminated soil	Clean Earth of Bethlehem	3416620	29.62	11:41:36 AM
342	4/30/2024	243020052	45-AW726N	3036981	Non-haz contaminated soil	Clean Earth of New Castle	3416629	29.63	11:45:10 AM
343	4/30/2024	243030008	57-AX229E	3029434	Non-haz contaminated soil	Clean Earth of Bethlehem	3416636	26.51	11:47:53 AM
344	4/30/2024	243030008	37-AX384K	3029435	Non-haz contaminated soil	Clean Earth of Bethlehem	3416654	26.7	11:50:13 AM
345	4/30/2024	243020052	49-AW644W	3036976	Non-haz contaminated soil	Clean Earth of New Castle	3416662	31.12	11:51:44 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
346	4/30/2024	243020052	33-AT781U	3036978	Non-haz contaminated soil	Clean Earth of New Castle	3416687	31.44	11:55:30 AM
347	4/30/2024	243020052	60-AX287W	3036977	Non-haz contaminated soil	Clean Earth of New Castle	3416691	31.51	11:56:22 AM
348	4/30/2024	243020052	50-AW645W	3036975	Non-haz contaminated soil	Clean Earth of New Castle	3416694	25.62	11:57:18 AM
349	4/30/2024	243020052	47-AW728N	3036980	Non-haz contaminated soil	Clean Earth of New Castle	3416727	29.75	12:07:59 PM
350	4/30/2024	243020052	52-AW462X	3036979	Non-haz contaminated soil	Clean Earth of New Castle	3416741	30.59	12:11:59 PM
351	4/30/2024	243020052	09-AX848L	3036996	Non-haz contaminated soil	Clean Earth of New Castle	3416748	29.82	12:15:15 PM
352	4/30/2024	243030008	200-AY748L	3029432	Non-haz contaminated soil	Clean Earth of Bethlehem	3416749	25.24	12:15:32 PM
353	4/30/2024	243020052	28-AY671U	3036993	Non-haz contaminated soil	Clean Earth of New Castle	3416763	31.07	12:21:17 PM
354	4/30/2024	243020052	06-AY664G	3036994	Non-haz contaminated soil	Clean Earth of New Castle	3416769	30.55	12:22:47 PM
355	4/30/2024	243020052	11-AZ374A	3036992	Non-haz contaminated soil	Clean Earth of New Castle	3416849	28.86	12:48:53 PM
356	4/30/2024	243030008	5460-AS921P	3029431	Non-haz contaminated soil	Clean Earth of Bethlehem	3416900	27.33	1:13:11 PM
357	4/30/2024	243020052	07-AY998C	3036997	Non-haz contaminated soil	Clean Earth of New Castle	3416934	34.82	1:31:37 PM
358	4/30/2024	243020052	04-AX917D	3036991	Non-haz contaminated soil	Clean Earth of New Castle	3416942	29.43	1:34:37 PM
359	4/30/2024	243030008	06-AW858W	3029430	Non-haz contaminated soil	Clean Earth of Bethlehem	3416953	29.46	1:37:29 PM
360	4/30/2024	243020052	01-AX680W	3036990	Non-haz contaminated soil	Clean Earth of New Castle	3416995	33.7	2:00:54 PM
361	4/30/2024	243030008	71-AU857D	3029428	Non-haz contaminated soil	Clean Earth of Bethlehem	3417041	25.93	2:26:03 PM
362	4/30/2024	243030008	07-AU422T	3029425	Non-haz contaminated soil	Clean Earth of Bethlehem	3417113	25.86	2:54:11 PM
363	4/30/2024	243030008	777-AY856K	3029429	Non-haz contaminated soil	Clean Earth of Bethlehem	3417122	26.42	2:57:57 PM
364	4/30/2024	243030008	01-AX406N	3029427	Non-haz contaminated soil	Clean Earth of Bethlehem	3417174	25.17	3:27:29 PM
365	4/30/2024	243030008	30-AT778U	3029426	Non-haz contaminated soil	Clean Earth of Bethlehem	3417182	27.08	3:31:58 PM
366	4/30/2024	243020052	61-AX286W	3036988	Non-haz contaminated soil	Clean Earth of New Castle	3417207	28.18	4:03:56 PM
367	4/30/2024	243030008	08-AT477J	3029424	Non-haz contaminated soil	Clean Earth of Bethlehem	3417210	26.18	4:07:03 PM
368	4/30/2024	243020052	40-AU606U	3036989	Non-haz contaminated soil	Clean Earth of New Castle	3417211	28.95	4:09:23 PM
369	4/30/2024	243030008	43-AW463F	3029439	Non-haz contaminated soil	Clean Earth of Bethlehem	3417224	27.63	4:30:56 PM
370	4/30/2024	243030008	01-AR438F	3029422	Non-haz contaminated soil	Clean Earth of Bethlehem	3417226	28.88	4:33:44 PM
371	4/30/2024	243030008	10-AZ373A	3029440	Non-haz contaminated soil	Clean Earth of Bethlehem	3417239	30.7	4:52:02 PM
372	4/30/2024	243030008	06-AY375R	3029441	Non-haz contaminated soil	Clean Earth of Bethlehem	3417241	25.47	4:54:26 PM
373	5/1/2024	243030008	17-AO919R	3029423	Non-haz contaminated soil	Clean Earth of Bethlehem	3413339	23.51	7:01:55 AM
374	5/1/2024	243070408	12-AY791A	3033307	Non-haz contaminated soil	Clean Earth of Carteret	3413334	30.22	8:45:24 AM
375	5/1/2024	243070408	5460-AS921P	3033243	Non-haz contaminated soil	Clean Earth of Carteret	3417484	29.23	8:47:12 AM
376	5/1/2024	243070408	09-AW465J	3033306	Non-haz contaminated soil	Clean Earth of Carteret	3417502	27.77	8:53:30 AM
377	5/1/2024	243070408	02-AY993U	3033247	Non-haz contaminated soil	Clean Earth of Carteret	3417531	28.22	9:02:33 AM
378	5/1/2024	243070408	01-AX553F	3033248	Non-haz contaminated soil	Clean Earth of Carteret	3417537	27.68	9:05:15 AM
379	5/1/2024	243070408	10-AY762R	3033245	Non-haz contaminated soil	Clean Earth of Carteret	3417576	28.89	9:20:12 AM
380	5/1/2024	243070408	21-AZ639A	3033244	Non-haz contaminated soil	Clean Earth of Carteret	3417596	30.6	9:26:03 AM
381	5/1/2024	243030008	28-AY671U	3029403	Non-haz contaminated soil	Clean Earth of Bethlehem	3417614	23.78	9:33:04 AM
382	5/1/2024	243070408	5461-AY675X	3033242	Non-haz contaminated soil	Clean Earth of Carteret	3417642	32.64	9:42:57 AM
383	5/1/2024	243030008	01-AY851T	3029450	Non-haz contaminated soil	Clean Earth of Bethlehem	3417658	22.58	9:48:52 AM
384	5/1/2024	243070408	29-AU186C	3033241	Non-haz contaminated soil	Clean Earth of Carteret	3417660	27.23	9:50:05 AM
385	5/1/2024	243030008	03-AY511B	3029402	Non-haz contaminated soil	Clean Earth of Bethlehem	3417661	24.42	9:50:21 AM
386	5/1/2024	243070408	10-AY464M	3033240	Non-haz contaminated soil	Clean Earth of Carteret	3417662	27.86	9:51:56 AM
387	5/1/2024	243070408	AT259F	3033246	Non-haz contaminated soil	Clean Earth of Carteret	3417678	28.78	9:56:00 AM
388	5/1/2024	243070408	22-AW887V	3033237	Non-haz contaminated soil	Clean Earth of Carteret	3417688	28.15	9:59:45 AM
389	5/1/2024	243070408	13-AW232K	3033236	Non-haz contaminated soil	Clean Earth of Carteret	3417697	28.85	10:06:40 AM
390	5/1/2024	243070408	09-AW555G	3033238	Non-haz contaminated soil	Clean Earth of Carteret	3417702	31.26	10:08:26 AM
391	5/1/2024	243030008	03-AY975M	3029404	Non-haz contaminated soil	Clean Earth of Bethlehem	3417705	25.84	10:10:05 AM
392	5/1/2024	243070408	04-AY984L	3033239	Non-haz contaminated soil	Clean Earth of Carteret	3417706	27.96	10:10:08 AM
393	5/1/2024	243070408	78-AW570M	3033235	Non-haz contaminated soil	Clean Earth of Carteret	3417763	28.85	10:35:53 AM
394	5/1/2024	243020052	77-AY760V	3036974	Non-haz contaminated soil	Clean Earth of New Castle	3414140	26.84	10:37:14 AM
395	5/1/2024	243030008	02-AY694C	3029451	Non-haz contaminated soil	Clean Earth of Bethlehem	3417774	26.47	10:41:38 AM
396	5/1/2024	243070408	06-AY995C	3033219	Non-haz contaminated soil	Clean Earth of Carteret	3576180	26.33	10:43:00 AM
397	5/1/2024	243030008	11-AY976M	3029452	Non-haz contaminated soil	Clean Earth of Bethlehem	3417778	28.42	10:44:30 AM
398	5/1/2024	243020052	03 - AT515L	3036973	Non-haz contaminated soil	Clean Earth of New Castle	3417783	27.18	10:46:49 AM
399	5/1/2024	243030008	12-AY447R	3029453	Non-haz contaminated soil	Clean Earth of Bethlehem	3417784	28.38	10:46:50 AM
400	5/1/2024	243030008	07-AY998C	3029449	Non-haz contaminated soil	Clean Earth of Bethlehem	3417788	28.62	10:49:18 AM
401	5/1/2024	243070408	05-AW155H	3033234	Non-haz contaminated soil	Clean Earth of Carteret	3417807	26.34	10:58:26 AM
402	5/1/2024	243020052	39-AU522N	3036970	Non-haz contaminated soil	Clean Earth of New Castle	3417817	28.15	11:03:16 AM
403	5/1/2024	243020052	343-AW858D	3036972	Non-haz contaminated soil	Clean Earth of New Castle	3417850	32.2	11:18:07 AM
404	5/1/2024	243030008	03-AY553W	3029459	Non-haz contaminated soil	Clean Earth of Bethlehem	3417851	28.46	11:18:16 AM
405	5/1/2024	243020052	15-AW710R	3036971	Non-haz contaminated soil	Clean Earth of New Castle	3417856	30.49	11:19:54 AM
406	5/1/2024	243030008	09-AX378P	3029455	Non-haz contaminated soil	Clean Earth of Bethlehem	3417860	31.22	11:20:35 AM
407	5/1/2024	243020052	33-AW670S	3036969	Non-haz contaminated soil	Clean Earth of New Castle	3417861	26.95	11:21:45 AM
408	5/1/2024	243030008	75-AW632L	3029454	Non-haz contaminated soil	Clean Earth of Bethlehem	3417885	24.3	11:29:24 AM
409	5/1/2024	243020052	04-AW859D	2925419	Non-haz contaminated soil	Clean Earth of New Castle	3417887	27.6	11:30:18 AM
410	5/1/2024	243020052	57-AW672S	2925420	Non-haz contaminated soil	Clean Earth of New Castle	3417901	30.11	11:31:54 AM
411	5/1/2024	243020052	NJ - AS462U	2925411	Non-haz contaminated soil	Clean Earth of New Castle	3417905	29.32	11:34:34 AM
412	5/1/2024	243020052	13-AS500Y	2925412	Non-haz contaminated soil	Clean Earth of New Castle	3417910	28.77	11:36:26 AM
413	5/1/2024	243020052	35-AU520N	2925414	Non-haz contaminated soil	Clean Earth of New Castle	3417919	27.19	11:42:08 AM
414	5/1/2024	243020052	59-AW919X	2925423	Non-haz contaminated soil	Clean Earth of New Castle	3417923	29.59	11:43:49 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
415	5/1/2024	243020052	68-AX210R	2925410	Non-haz contaminated soil	Clean Earth of New Castle	3417926	30.08	11:45:29 AM
416	5/1/2024	243030008	03-AX975Y	3029456	Non-haz contaminated soil	Clean Earth of Bethlehem	3417935	28.75	11:46:50 AM
417	5/1/2024	243020052	41-AU427R	2925409	Non-haz contaminated soil	Clean Earth of New Castle	3417944	18.89	11:48:40 AM
418	5/1/2024	243020052	34-AU435J	2925413	Non-haz contaminated soil	Clean Earth of New Castle	3417977	24.56	11:56:47 AM
419	5/1/2024	243020052	36-AU436J	3036968	Non-haz contaminated soil	Clean Earth of New Castle	3417983	32.97	11:59:58 AM
420	5/1/2024	243030008	04-AX436X	3029457	Non-haz contaminated soil	Clean Earth of Bethlehem	3417984	29.24	12:00:03 PM
421	5/1/2024	243020052	10-AS461U	2925415	Non-haz contaminated soil	Clean Earth of New Castle	3417994	23.49	12:04:36 PM
422	5/1/2024	243020052	09-AS463U	2925417	Non-haz contaminated soil	Clean Earth of New Castle	3418009	25.63	12:10:59 PM
423	5/1/2024	243020052	19-AT879N	2925416	Non-haz contaminated soil	Clean Earth of New Castle	3418013	26.05	12:12:26 PM
424	5/1/2024	243020052	75-AY577F	2925408	Non-haz contaminated soil	Clean Earth of New Castle	3418022	25.24	12:14:57 PM
425	5/1/2024	243070408	02-AW919J	3033218	Non-haz contaminated soil	Clean Earth of Carteret	3418047	26.26	12:26:00 PM
426	5/1/2024	243020052	44-AU825V	2925418	Non-haz contaminated soil	Clean Earth of New Castle	3418052	30.16	12:27:50 PM
427	5/1/2024	243020052	49-AU329Y	2925422	Non-haz contaminated soil	Clean Earth of New Castle	3418059	33.69	12:29:49 PM
428	5/1/2024	243020052	42-AU273U	2925421	Non-haz contaminated soil	Clean Earth of New Castle	3418064	33.15	12:32:03 PM
429	5/1/2024	243020052	14-AT693C	2925424	Non-haz contaminated soil	Clean Earth of New Castle	3418070	25.97	12:33:45 PM
430	5/1/2024	243070408	04-AW215P	3033217	Non-haz contaminated soil	Clean Earth of Carteret	3418097	30.88	12:42:38 PM
431	5/1/2024	243030008	06-AX916L	3029458	Non-haz contaminated soil	Clean Earth of Bethlehem	3418220	29.75	1:33:31 PM
432	5/1/2024	243020038	08-AZ371A	2911980	Non-haz contaminated soil	Clean Earth of New Castle	3416600	26.51	1:38:02 PM
433	5/1/2024	243020052	10-AX652Y	2925430	Non-haz contaminated soil	Clean Earth of New Castle	3418254	27.56	1:49:22 PM
434	5/1/2024	243020038	12-AZ375A	2911979	Non-haz contaminated soil	Clean Earth of New Castle	3418259	32.09	1:51:44 PM
435	5/1/2024	243030008	59-AX932K	3029445	Non-haz contaminated soil	Clean Earth of Bethlehem	3418286	23.59	2:01:04 PM
436	5/1/2024	243030008	07-AZ370A	3029408	Non-haz contaminated soil	Clean Earth of Bethlehem	3418298	28.1	2:04:15 PM
437	5/1/2024	243030008	39-AU605U	3029444	Non-haz contaminated soil	Clean Earth of Bethlehem	3418314	26.36	2:11:07 PM
438	5/1/2024	243030008	46-AW727N	3029447	Non-haz contaminated soil	Clean Earth of Bethlehem	3418318	28.53	2:13:23 PM
439	5/1/2024	243030008	52-AW462X	3029443	Non-haz contaminated soil	Clean Earth of Bethlehem	3418332	26.54	2:23:45 PM
440	5/1/2024	243030008	38-AU604U	3029446	Non-haz contaminated soil	Clean Earth of Bethlehem	3418335	29.7	2:26:25 PM
441	5/1/2024	243030008	48-AW643W	3029405	Non-haz contaminated soil	Clean Earth of Bethlehem	3418337	27.88	2:29:07 PM
442	5/1/2024	243030008	62-AY176T	3029448	Non-haz contaminated soil	Clean Earth of Bethlehem	3418362	27.36	2:46:44 PM
443	5/1/2024	243030008	03-AX385K	3029406	Non-haz contaminated soil	Clean Earth of Bethlehem	3418378	22.45	2:54:48 PM
444	5/1/2024	243030008	01-AY648Y	3029410	Non-haz contaminated soil	Clean Earth of Bethlehem	3418387	26.21	3:00:19 PM
445	5/1/2024	243030008	16-AX462J	3029407	Non-haz contaminated soil	Clean Earth of Bethlehem	3418389	25.93	3:01:47 PM
446	5/1/2024	243030008	76-AW943A	3029409	Non-haz contaminated soil	Clean Earth of Bethlehem	3418390	23.86	3:04:11 PM
447	5/1/2024	243030008	01-AY851T	3029412	Non-haz contaminated soil	Clean Earth of Bethlehem	3418396	31.27	3:09:42 PM
448	5/1/2024	243030008	28-AY671U	3029411	Non-haz contaminated soil	Clean Earth of Bethlehem	3418417	29.56	3:27:57 PM
449	5/1/2024	243030008	03-AY511B	3029413	Non-haz contaminated soil	Clean Earth of Bethlehem	3418429	32.71	3:42:39 PM
450	5/1/2024	243030008	03-AY975M	3029416	Non-haz contaminated soil	Clean Earth of Bethlehem	3418430	32.02	3:45:39 PM
451	5/1/2024	243030008	19-AY685N	3029414	Non-haz contaminated soil	Clean Earth of Bethlehem	3418435	30.2	3:55:30 PM
452	5/1/2024	243030008	05-AU260R	3029462	Non-haz contaminated soil	Clean Earth of Bethlehem	3418442	28.09	4:09:36 PM
453	5/1/2024	243030008	04-AY870L	3029463	Non-haz contaminated soil	Clean Earth of Bethlehem	3418449	28.09	4:12:53 PM
454	5/1/2024	243030008	04-AY510M	3029417	Non-haz contaminated soil	Clean Earth of Bethlehem	3418455	31.85	4:19:32 PM
455	5/1/2024	243030008	07-AY998C	3029461	Non-haz contaminated soil	Clean Earth of Bethlehem	3418456	33.32	4:28:17 PM
456	5/1/2024	243030008	03-AY694M	3029415	Non-haz contaminated soil	Clean Earth of Bethlehem	3418461	27.14	4:35:32 PM
457	5/2/2024	243030008	1295-AX898V	3029460	Non-haz contaminated soil	Clean Earth of Bethlehem	3417092	27.06	7:08:23 AM
458	5/2/2024	243070408	5460-AS921P	3033273	Non-haz contaminated soil	Clean Earth of Carteret	3413335	22.08	8:59:17 AM
459	5/2/2024	243070408	10-AY762R	3033272	Non-haz contaminated soil	Clean Earth of Carteret	3418723	26.7	9:09:32 AM
460	5/2/2024	243070408	21AZ639A	3033271	Non-haz contaminated soil	Clean Earth of Carteret	3418733	25.99	9:15:31 AM
461	5/2/2024	243070408	AX553F	3033220	Non-haz contaminated soil	Clean Earth of Carteret	3418752	24.96	9:24:37 AM
462	5/2/2024	243070408	02-AY993U	3033270	Non-haz contaminated soil	Clean Earth of Carteret	3418755	24.73	9:25:55 AM
463	5/2/2024	243070408	12-AW421C	3033223	Non-haz contaminated soil	Clean Earth of Carteret	3418804	23.98	9:44:55 AM
464	5/2/2024	243070408	5461-AY675X	3033221	Non-haz contaminated soil	Clean Earth of Carteret	3418808	24.71	9:46:36 AM
465	5/2/2024	243030008	46-AX955P	3029479	Non-haz contaminated soil	Clean Earth of Bethlehem	3418834	15.95	9:55:43 AM
466	5/2/2024	243030008	05-AX377P	3029480	Non-haz contaminated soil	Clean Earth of Bethlehem	3418840	21.44	9:57:49 AM
467	5/2/2024	243070408	78-AW570M	3033224	Non-haz contaminated soil	Clean Earth of Carteret	3418843	24.22	9:58:50 AM
468	5/2/2024	243070408	09-AW118J	3033222	Non-haz contaminated soil	Clean Earth of Carteret	3418850	24.35	10:00:48 AM
469	5/2/2024	243030008	01-AY851T	3029475	Non-haz contaminated soil	Clean Earth of Bethlehem	3418858	28.9	10:03:13 AM
470	5/2/2024	243030008	03-AY975M	3029476	Non-haz contaminated soil	Clean Earth of Bethlehem	3418869	24.7	10:06:25 AM
471	5/2/2024	243030008	03-AY511B	3029477	Non-haz contaminated soil	Clean Earth of Bethlehem	3418878	25.27	10:09:42 AM
472	5/2/2024	243020052	77-AY760V	2925425	Non-haz contaminated soil	Clean Earth of New Castle	3417946	22.79	10:16:52 AM
473	5/2/2024	243020052	75-AY577F	2925429	Non-haz contaminated soil	Clean Earth of New Castle	3418916	24.03	10:21:28 AM
474	5/2/2024	243030008	08-AY847K	3029464	Non-haz contaminated soil	Clean Earth of Bethlehem	3418918	25.3	10:22:39 AM
475	5/2/2024	243030008	29-AY902M	3029465	Non-haz contaminated soil	Clean Earth of Bethlehem	3418921	27.25	10:24:46 AM
476	5/2/2024	243030008	07-AY215L	3029478	Non-haz contaminated soil	Clean Earth of Bethlehem	3418932	22.29	10:28:41 AM
477	5/2/2024	243020052	17-AT517L	2925427	Non-haz contaminated soil	Clean Earth of New Castle	3418937	19.17	10:30:04 AM
478	5/2/2024	243020052	03-AT515L	2925431	Non-haz contaminated soil	Clean Earth of New Castle	3418940	19.09	10:31:54 AM
479	5/2/2024	243020052	41-AU427R	2925499	Non-haz contaminated soil	Clean Earth of New Castle	3418951	19.93	10:37:56 AM
480	5/2/2024	243020052	58-AW918X	2925426	Non-haz contaminated soil	Clean Earth of New Castle	3418954	26.75	10:39:21 AM
481	5/2/2024	243030008	08-AY584R	3029467	Non-haz contaminated soil	Clean Earth of Bethlehem	3418955	23.72	10:40:22 AM
482	5/2/2024	243020052	36-AU436J	2925497	Non-haz contaminated soil	Clean Earth of New Castle	3418980	27.3	10:47:46 AM
483	5/2/2024	243030008	12-AY791A	3029468	Non-haz contaminated soil	Clean Earth of Bethlehem	3418987	23.82	10:51:00 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
484	5/2/2024	243020052	09-AS463U	2925496	Non-haz contaminated soil	Clean Earth of New Castle	3418988	23.84	10:51:39 AM
485	5/2/2024	243030008	01-AX680W	3029466	Non-haz contaminated soil	Clean Earth of Bethlehem	3418990	27.79	10:53:01 AM
486	5/2/2024	243020052	35-AU520N	2925488	Non-haz contaminated soil	Clean Earth of New Castle	3418996	19.29	10:55:01 AM
487	5/2/2024	243020052	73-AY186A	2925489	Non-haz contaminated soil	Clean Earth of New Castle	3418998	24.2	10:55:47 AM
488	5/2/2024	243020052	46-AW393Y	2925490	Non-haz contaminated soil	Clean Earth of New Castle	3419008	24.91	10:58:47 AM
489	5/2/2024	243030008	12-AY447R	3029470	Non-haz contaminated soil	Clean Earth of Bethlehem	3419009	21.14	10:59:17 AM
490	5/2/2024	243020052	12-AW857D	2925491	Non-haz contaminated soil	Clean Earth of New Castle	3419013	28.61	11:01:05 AM
491	5/2/2024	243030008	11-AY976M	3029471	Non-haz contaminated soil	Clean Earth of Bethlehem	3419014	23.52	11:01:23 AM
492	5/2/2024	243020052	N53-AW562C	2925492	Non-haz contaminated soil	Clean Earth of New Castle	3419016	25.36	11:02:54 AM
493	5/2/2024	243030008	09-AX378P	3029473	Non-haz contaminated soil	Clean Earth of Bethlehem	3419018	33.43	11:03:22 AM
494	5/2/2024	243020052	30-AX946X	2925487	Non-haz contaminated soil	Clean Earth of New Castle	3419023	24.36	11:06:22 AM
495	5/2/2024	243020052	74-AY5786	2925486	Non-haz contaminated soil	Clean Earth of New Castle	3419034	26.82	11:11:32 AM
496	5/2/2024	243020052	68-AX210R	2925493	Non-haz contaminated soil	Clean Earth of New Castle	3419055	27	11:16:35 AM
497	5/2/2024	243020052	04-AW859D	2925482	Non-haz contaminated soil	Clean Earth of New Castle	3419060	25.34	11:18:56 AM
498	5/2/2024	243030008	06-AX916L	3029474	Non-haz contaminated soil	Clean Earth of Bethlehem	3419062	28.69	11:19:52 AM
499	5/2/2024	243020052	52-AW840A	2925484	Non-haz contaminated soil	Clean Earth of New Castle	3419072	24.47	11:24:56 AM
500	5/2/2024	243030008	19-AY685N	3029469	Non-haz contaminated soil	Clean Earth of Bethlehem	3419082	26.07	11:28:15 AM
501	5/2/2024	243020052	343-AW858D	2925498	Non-haz contaminated soil	Clean Earth of New Castle	3419083	25.54	11:28:18 AM
502	5/2/2024	243020052	07-AW671S	2925485	Non-haz contaminated soil	Clean Earth of New Castle	3419098	22.45	11:30:59 AM
503	5/2/2024	243020052	19-AT879N	2925494	Non-haz contaminated soil	Clean Earth of New Castle	3419109	20.02	11:35:33 AM
504	5/2/2024	243030008	18-AY671U	3029482	Non-haz contaminated soil	Clean Earth of Bethlehem	3419133	25.85	11:45:57 AM
505	5/2/2024	243070408	20-AY792A	3033225	Non-haz contaminated soil	Clean Earth of Carteret	3419134	31.79	11:46:16 AM
506	5/2/2024	243020052	55-AW711R	2925495	Non-haz contaminated soil	Clean Earth of New Castle	3419148	23.81	11:50:00 AM
507	5/2/2024	243030008	04-AX917D	3029484	Non-haz contaminated soil	Clean Earth of Bethlehem	3419150	25.65	11:50:18 AM
508	5/2/2024	243030008	13-AY903R	3029481	Non-haz contaminated soil	Clean Earth of Bethlehem	3419154	31.03	11:52:55 AM
509	5/2/2024	243020052	15-AW710R	2925428	Non-haz contaminated soil	Clean Earth of New Castle	3419156	28.56	11:53:48 AM
510	5/2/2024	243020052	43-AU707U	2925483	Non-haz contaminated soil	Clean Earth of New Castle	3419157	20.54	11:54:17 AM
511	5/2/2024	243030008	07-AY998C	3029400	Non-haz contaminated soil	Clean Earth of Bethlehem	3419162	28.16	11:55:11 AM
512	5/2/2024	243030008	02-AY694C	3029483	Non-haz contaminated soil	Clean Earth of Bethlehem	3419167	25.93	11:57:41 AM
513	5/2/2024	243070408	777-AY856K	3033226	Non-haz contaminated soil	Clean Earth of Carteret	3419183	28.57	12:07:01 PM
514	5/2/2024	243070408	08-AU514L	3033229	Non-haz contaminated soil	Clean Earth of Carteret	3419201	27.91	12:14:32 PM
515	5/2/2024	243070408	24-AW100F	3033233	Non-haz contaminated soil	Clean Earth of Carteret	3419221	23.63	12:26:18 PM
516	5/2/2024	243030008	04-AX436X	3029398	Non-haz contaminated soil	Clean Earth of Bethlehem	3419223	23.35	12:28:09 PM
517	5/2/2024	243030008	03-AX975Y	3029399	Non-haz contaminated soil	Clean Earth of Bethlehem	3419229	26.13	12:33:59 PM
518	5/2/2024	243070408	10-AY772L	3033228	Non-haz contaminated soil	Clean Earth of Carteret	3419242	27.46	12:41:04 PM
519	5/2/2024	243070408	16-AX462J	3033227	Non-haz contaminated soil	Clean Earth of Carteret	3419271	25.94	1:01:38 PM
520	5/2/2024	243070408	21-AZ639A	3033231	Non-haz contaminated soil	Clean Earth of Carteret	3419280	28.18	1:04:54 PM
521	5/2/2024	243070408	01-AY869L	3033232	Non-haz contaminated soil	Clean Earth of Carteret	3419287	29.01	1:09:44 PM
522	5/2/2024	243070408	08-AW823D	3033216	Non-haz contaminated soil	Clean Earth of Carteret	3419304	27.28	1:23:16 PM
523	5/2/2024	243030008	04-AX177N	3029392	Non-haz contaminated soil	Clean Earth of Bethlehem	3419328	26.98	1:44:06 PM
524	5/2/2024	243020052	61-AX286W	2925480	Non-haz contaminated soil	Clean Earth of New Castle	3419330	25.98	1:45:01 PM
525	5/2/2024	243070408	09-AW118J	3033212	Non-haz contaminated soil	Clean Earth of Carteret	3419359	23.21	2:03:40 PM
526	5/2/2024	243030008	04-AY510M	3029485	Non-haz contaminated soil	Clean Earth of Bethlehem	3419361	30.56	2:05:19 PM
527	5/2/2024	243070408	78-AW570M	3033211	Non-haz contaminated soil	Clean Earth of Carteret	3419363	21.92	2:06:28 PM
528	5/2/2024	243030008	03-C064107	3029390	Non-haz contaminated soil	Clean Earth of Bethlehem	3419375	30.22	2:10:46 PM
529	5/2/2024	243020052	NJ-AT778U	2925477	Non-haz contaminated soil	Clean Earth of New Castle	3419382	23.36	2:12:26 PM
530	5/2/2024	243030008	03-AY642H	3029391	Non-haz contaminated soil	Clean Earth of Bethlehem	3419385	30.48	2:13:17 PM
531	5/2/2024	243030008	75-AW632L	3029393.	Non-haz contaminated soil	Clean Earth of Bethlehem	3419398	22.69	2:18:26 PM
532	5/2/2024	243020052	NJ-AU606U	3033230	Non-haz contaminated soil	Clean Earth of New Castle	3419412	25.87	2:25:59 PM
533	5/2/2024	243020052	NJ-AU605U	2925481	Non-haz contaminated soil	Clean Earth of New Castle	3419415	23.64	2:27:55 PM
534	5/2/2024	243030008	76-AW943A	3029486	Non-haz contaminated soil	Clean Earth of Bethlehem	3419438	25.5	2:34:55 PM
535	5/2/2024	243020052	NJ-AX932K	2925475	Non-haz contaminated soil	Clean Earth of New Castle	3419442	23.57	2:36:40 PM
536	5/2/2024	243030008	03-AU440S	3029394	Non-haz contaminated soil	Clean Earth of Bethlehem	3419443	21.79	2:37:29 PM
537	5/2/2024	243030008	02-AW725D	3029395	Non-haz contaminated soil	Clean Earth of Bethlehem	3419448	20.91	2:39:57 PM
538	5/2/2024	243070408	5460-AS921P	3033213	Non-haz contaminated soil	Clean Earth of Carteret	3419453	27.61	2:44:10 PM
539	5/2/2024	243070408	03-AU692P	3033214	Non-haz contaminated soil	Clean Earth of Carteret	3419459	24.27	2:49:59 PM
540	5/2/2024	243020052	NJ-AX229E	2925479	Non-haz contaminated soil	Clean Earth of New Castle	3419462	22.36	2:54:00 PM
541	5/2/2024	243070408	5461-AY675X	3033210	Non-haz contaminated soil	Clean Earth of Carteret	3419470	26.72	3:00:51 PM
542	5/2/2024	243020052	NJ-AU915N	2925478	Non-haz contaminated soil	Clean Earth of New Castle	3419473	25.57	3:02:02 PM
543	5/2/2024	243070408	13-AY495T	3033215	Non-haz contaminated soil	Clean Earth of Carteret	3419477	23.93	3:08:53 PM
544	5/2/2024	243030008	09-AZ372A	3029396	Non-haz contaminated soil	Clean Earth of Bethlehem	3419478	24.02	3:09:04 PM
545	5/2/2024	243020052	NJ AW463F	2925476	Non-haz contaminated soil	Clean Earth of New Castle	3419495	24.6	3:23:41 PM
546	5/2/2024	243030008	03-AY975M	3029397	Non-haz contaminated soil	Clean Earth of Bethlehem	3419503	31.8	3:38:03 PM
547	5/2/2024	243030008	06-AY375R	3029488	Non-haz contaminated soil	Clean Earth of Bethlehem	3419513	27.49	3:46:53 PM
548	5/2/2024	243030008	29-AY902M	3029373	Non-haz contaminated soil	Clean Earth of Bethlehem	3419519	27.86	3:52:03 PM
549	5/2/2024	243030008	06-AW184A	3029487	Non-haz contaminated soil	Clean Earth of Bethlehem	3419525	29.45	3:59:32 PM
550	5/2/2024	243030008	08-AY847K	3029374	Non-haz contaminated soil	Clean Earth of Bethlehem	3419527	27.11	4:10:13 PM
551	5/2/2024	243030008	01-AY851T	3029377	Non-haz contaminated soil	Clean Earth of Bethlehem	3419535	27.81	4:25:56 PM
552	5/2/2024	243030008	11-AZ370A	3029375	Non-haz contaminated soil	Clean Earth of Bethlehem	3419544	22.24	4:42:40 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
553	5/2/2024	243030008	08-AY584R	3029376	Non-haz contaminated soil	Clean Earth of Bethlehem	3419548	24.68	4:46:40 PM
554	5/3/2024	243030008	01-AX680W	3029379	Non-haz contaminated soil	Clean Earth of Bethlehem	3417093	30.3	7:47:49 AM
555	5/3/2024	243030008	03-AX378P	3029382	Non-haz contaminated soil	Clean Earth of Bethlehem	3419659	34.64	7:50:31 AM
556	5/3/2024	243030008	11-AY976M	3029380	Non-haz contaminated soil	Clean Earth of Bethlehem	3419662	32.36	7:52:54 AM
557	5/3/2024	243030008	12-AY447R	3029381	Non-haz contaminated soil	Clean Earth of Bethlehem	3419668	31.02	7:55:04 AM
558	5/3/2024	243070408	10-AY772L	3033204	Non-haz contaminated soil	Clean Earth of Carteret	3413336	26.29	9:14:42 AM
559	5/3/2024	243070408	24-AU100F	3033205	Non-haz contaminated soil	Clean Earth of Carteret	3419840	22.9	9:16:07 AM
560	5/3/2024	243070408	777-AY856K	3033206	Non-haz contaminated soil	Clean Earth of Carteret	3419851	27.5	9:20:25 AM
561	5/3/2024	243030008	03-AT515L	3029489	Non-haz contaminated soil	Clean Earth of Bethlehem	3419890	23.02	9:31:25 AM
562	5/3/2024	243070408	03-AU692P	3033203	Non-haz contaminated soil	Clean Earth of Carteret	3419891	25.88	9:31:27 AM
563	5/3/2024	243030008	77-AY760V	3029383	Non-haz contaminated soil	Clean Earth of Bethlehem	3419910	23.05	9:37:11 AM
564	5/3/2024	243030008	17-AT517L	3029490	Non-haz contaminated soil	Clean Earth of Bethlehem	3419925	24.39	9:41:48 AM
565	5/3/2024	243030008	41-AU427R	3029491	Non-haz contaminated soil	Clean Earth of Bethlehem	3419933	22.88	9:43:53 AM
566	5/3/2024	243070408	71-AX781C	3033208	Non-haz contaminated soil	Clean Earth of Carteret	3419937	27.53	9:44:38 AM
567	5/3/2024	243070408	64-AS416T	3033202	Non-haz contaminated soil	Clean Earth of Carteret	3419941	24.97	9:45:49 AM
568	5/3/2024	243070408	67-AW847H	3033209	Non-haz contaminated soil	Clean Earth of Carteret	3419950	28.17	9:47:38 AM
569	5/3/2024	243030008	39-AU522N	3029492	Non-haz contaminated soil	Clean Earth of Bethlehem	3419973	26.48	9:54:29 AM
570	5/3/2024	243030008	11-AS462O	3029496	Non-haz contaminated soil	Clean Earth of Bethlehem	3419985	24.35	9:57:02 AM
571	5/3/2024	243070408	68-AX724C	3033207	Non-haz contaminated soil	Clean Earth of Carteret	3420005	22.94	10:02:13 AM
572	5/3/2024	243030008	75-AY577F	3029493	Non-haz contaminated soil	Clean Earth of Bethlehem	3420015	24.83	10:04:24 AM
573	5/3/2024	243030008	36-AU436J	3029497	Non-haz contaminated soil	Clean Earth of Bethlehem	3420030	28.47	10:09:46 AM
574	5/3/2024	243030008	33-AW670S	3029494	Non-haz contaminated soil	Clean Earth of Bethlehem	3420087	22.85	10:26:16 AM
575	5/3/2024	243030008	09-AS463U	3029498	Non-haz contaminated soil	Clean Earth of Bethlehem	3420115	23.32	10:33:01 AM
576	5/3/2024	243030008	01-AU706U	3029499	Non-haz contaminated soil	Clean Earth of Bethlehem	3420129	27.05	10:35:06 AM
577	5/3/2024	243030008	34-AU435J	3029384	Non-haz contaminated soil	Clean Earth of Bethlehem	3420132	25.06	10:37:28 AM
578	5/3/2024	243030008	55-AW711R	3029495	Non-haz contaminated soil	Clean Earth of Bethlehem	3420134	20.77	10:39:33 AM
579	5/3/2024	243070408	13-AY495T	3033200	Non-haz contaminated soil	Clean Earth of Carteret	3420173	26.54	10:47:59 AM
580	5/3/2024	243030008	68-AX210R	3029389	Non-haz contaminated soil	Clean Earth of Bethlehem	3420208	26.89	10:53:36 AM
581	5/3/2024	243030008	75-AW632L	3029385	Non-haz contaminated soil	Clean Earth of Bethlehem	3420218	25.11	10:57:33 AM
582	5/3/2024	243030008	19-AY685N	3029386	Non-haz contaminated soil	Clean Earth of Bethlehem	3420277	35.08	11:14:13 AM
583	5/3/2024	243030008	76-AW943A	3029387	Non-haz contaminated soil	Clean Earth of Bethlehem	3420305	26.05	11:22:01 AM
584	5/3/2024	243030008	03-AY511B	3029378	Non-haz contaminated soil	Clean Earth of Bethlehem	3420313	32.69	11:24:09 AM
585	5/3/2024	243070408	20-AY792A	3033199	Non-haz contaminated soil	Clean Earth of Carteret	3420461	28.97	12:29:05 PM
586	5/3/2024	243070408	08-AU514L	3033198	Non-haz contaminated soil	Clean Earth of Carteret	3420466	24.24	12:33:45 PM
587	5/3/2024	243070408	64-AS41KT	3033201	Non-haz contaminated soil	Clean Earth of Carteret	3420606	26.86	1:33:49 PM
588	5/3/2024	243070408	67-AW847H	3033197	Non-haz contaminated soil	Clean Earth of Carteret	3420625	30.85	1:42:43 PM
589	5/3/2024	243070408	71-AX781C	3033195	Non-haz contaminated soil	Clean Earth of Carteret	3420631	29.14	1:44:54 PM
590	5/3/2024	243020052	10-AS461U	2925474	Non-haz contaminated soil	Clean Earth of New Castle	3417947	22.46	1:59:41 PM
591	5/3/2024	243020052	73-AY186A	2925468	Non-haz contaminated soil	Clean Earth of New Castle	3420659	23.14	2:00:13 PM
592	5/3/2024	243020052	02-AW244V	2925472	Non-haz contaminated soil	Clean Earth of New Castle	3420661	25.86	2:01:51 PM
593	5/3/2024	243020052	69-AX312S	2925470	Non-haz contaminated soil	Clean Earth of New Castle	3420663	25.98	2:02:19 PM
594	5/3/2024	243030008	13-AY903R	3029366	Non-haz contaminated soil	Clean Earth of Bethlehem	3420704	31.25	2:22:42 PM
595	5/3/2024	243030008	11-AY976M	3029369	Non-haz contaminated soil	Clean Earth of Bethlehem	3420710	34.77	2:25:16 PM
596	5/3/2024	243030008	12-AY447R	3029370	Non-haz contaminated soil	Clean Earth of Bethlehem	3420724	32.65	2:33:17 PM
597	5/3/2024	243030008	28-AY671U	3029365	Non-haz contaminated soil	Clean Earth of Bethlehem	3420730	32.42	2:36:10 PM
598	5/3/2024	243020052	46-AX884E	2925471	Non-haz contaminated soil	Clean Earth of New Castle	3420736	26.76	2:38:57 PM
599	5/3/2024	243030008	46-AX955P	3029371	Non-haz contaminated soil	Clean Earth of Bethlehem	3420756	29.23	2:52:44 PM
600	5/3/2024	243030008	03-AY975B	3029332	Non-haz contaminated soil	Clean Earth of Bethlehem	3420760	33.08	2:56:53 PM
601	5/3/2024	243020052	44-AU825V	2925466	Non-haz contaminated soil	Clean Earth of New Castle	3420761	25.4	2:58:06 PM
602	5/3/2024	243070408	68-AX724C	3033196	Non-haz contaminated soil	Clean Earth of Carteret	3420763	29.47	2:59:01 PM
603	5/3/2024	243030008	01-AY851T	3029367	Non-haz contaminated soil	Clean Earth of Bethlehem	3420764	31.11	2:59:55 PM
604	5/3/2024	243020052	38-AU604U	2925467	Non-haz contaminated soil	Clean Earth of New Castle	3420765	27.52	3:00:43 PM
605	5/3/2024	243020052	53-AW562C	2925473	Non-haz contaminated soil	Clean Earth of New Castle	3420769	18.06	3:02:48 PM
606	5/3/2024	243030008	16-AX462J	3029388	Non-haz contaminated soil	Clean Earth of Bethlehem	3420776	29.25	3:04:31 PM
607	5/3/2024	243030008	03-AX378P	3029372	Non-haz contaminated soil	Clean Earth of Bethlehem	3420779	36.38	3:07:00 PM
608	5/3/2024	243070408	24-AU100F	3033194	Non-haz contaminated soil	Clean Earth of Carteret	3420783	27.29	3:12:17 PM
609	5/3/2024	243020052	20-AT880N	2925464	Non-haz contaminated soil	Clean Earth of New Castle	3420785	29.18	3:13:49 PM
610	5/3/2024	243030008	77-AY760V	3029361	Non-haz contaminated soil	Clean Earth of Bethlehem	3420794	24.03	3:28:03 PM
611	5/3/2024	243030008	03-AT515L	3029363	Non-haz contaminated soil	Clean Earth of Bethlehem	3420800	23.78	3:30:53 PM
612	5/3/2024	243030008	18-AT878N	3029331	Non-haz contaminated soil	Clean Earth of Bethlehem	3420804	20.6	3:32:52 PM
613	5/3/2024	243020052	39-AU605U	2925465	Non-haz contaminated soil	Clean Earth of New Castle	3420807	27.95	3:37:15 PM
614	5/3/2024	243020052	49-AW644W	2925460	Non-haz contaminated soil	Clean Earth of New Castle	3420810	27.09	3:40:14 PM
615	5/3/2024	243030008	04-AX177N	3029347	Non-haz contaminated soil	Clean Earth of Bethlehem	3420811	28.07	3:40:39 PM
616	5/3/2024	243020052	43-AW463F	2925462	Non-haz contaminated soil	Clean Earth of New Castle	3420812	25.39	3:42:37 PM
617	5/3/2024	243020052	57-AX229E	2925459	Non-haz contaminated soil	Clean Earth of New Castle	3420815	28.68	3:45:28 PM
618	5/3/2024	243030008	07-AY998C	3029368	Non-haz contaminated soil	Clean Earth of Bethlehem	3420816	33.56	3:46:01 PM
619	5/3/2024	243030008	06-AX916L	3029362	Non-haz contaminated soil	Clean Earth of Bethlehem	3420820	30.26	3:50:43 PM
620	5/3/2024	243030008	41-AO427R	3029358	Non-haz contaminated soil	Clean Earth of Bethlehem	3420821	27.49	3:53:34 PM
621	5/3/2024	243030008	04-AX436X	3029356	Non-haz contaminated soil	Clean Earth of Bethlehem	3420822	22.6	3:56:14 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
622	5/3/2024	243030008	12-AZ375A	3029346	Non-haz contaminated soil	Clean Earth of Bethlehem	3420825	32.7	4:01:30 PM
623	5/3/2024	243030008	17-AT517L	3029357	Non-haz contaminated soil	Clean Earth of Bethlehem	3420827	25.65	4:03:17 PM
624	5/3/2024	243030008	60-AX287W	3029364	Non-haz contaminated soil	Clean Earth of Bethlehem	3420828	25.49	4:06:12 PM
625	5/3/2024	243020052	42-AW544B	2925461	Non-haz contaminated soil	Clean Earth of New Castle	3420829	22.62	4:06:47 PM
626	5/3/2024	243020052	14-AW643W	2925463	Non-haz contaminated soil	Clean Earth of New Castle	3420830	26.5	4:08:30 PM
627	5/3/2024	243030008	03-AS462U	3029354	Non-haz contaminated soil	Clean Earth of Bethlehem	3420832	25.54	4:08:36 PM
628	5/3/2024	243020052	59-AX932K	2925458	Non-haz contaminated soil	Clean Earth of New Castle	3420837	27.31	4:12:54 PM
629	5/3/2024	243030008	54-AX226E	3029333	Non-haz contaminated soil	Clean Earth of Bethlehem	3420841	27.24	4:15:58 PM
630	5/3/2024	243030008	05-AX377P	3029349	Non-haz contaminated soil	Clean Earth of Bethlehem	3420843	29.81	4:18:29 PM
631	5/3/2024	243070408	01-AW9117	3033193	Non-haz contaminated soil	Clean Earth of Carteret	3420848	26.68	4:24:00 PM
632	5/3/2024	243030008	36-AU436J	3029351	Non-haz contaminated soil	Clean Earth of Bethlehem	3420850	32.14	4:26:43 PM
633	5/3/2024	243030008	06-AY664G	3029360	Non-haz contaminated soil	Clean Earth of Bethlehem	3420857	24.82	4:32:51 PM
634	5/3/2024	243030008	08-AZ371A	3029341	Non-haz contaminated soil	Clean Earth of Bethlehem	3420861	29.53	4:39:17 PM
635	5/3/2024	243030008	19-AZ372A	3029340	Non-haz contaminated soil	Clean Earth of Bethlehem	3420863	29.28	4:40:53 PM
636	5/3/2024	243030008	39-AU522N	3029353	Non-haz contaminated soil	Clean Earth of Bethlehem	3420864	26.41	4:43:01 PM
637	5/3/2024	243030008	02-AY694C	3029348	Non-haz contaminated soil	Clean Earth of Bethlehem	3420866	28	4:45:45 PM
638	5/3/2024	243070408	60-PX913D	3033191	Non-haz contaminated soil	Clean Earth of Carteret	3420867	27.19	4:46:58 PM
639	5/3/2024	243030008	03-AX975Y	3029352	Non-haz contaminated soil	Clean Earth of Bethlehem	3420868	26.59	4:48:10 PM
640	5/3/2024	243070408	76-AV854R	3033190	Non-haz contaminated soil	Clean Earth of Carteret	3420870	26.8	4:48:19 PM
641	5/3/2024	243030008	03-AY516B	3029359	Non-haz contaminated soil	Clean Earth of Bethlehem	3420871	29.97	4:51:13 PM
642	5/3/2024	243070408	03-AY511B	3033192	Non-haz contaminated soil	Clean Earth of Carteret	3420873	30.37	5:11:18 PM
643	5/6/2024	243030008	75-AY577F	3029350	Non-haz contaminated soil	Clean Earth of Bethlehem	3420169	27.34	7:03:28 AM
644	5/6/2024	243030008	09-AS463U	3029339	Non-haz contaminated soil	Clean Earth of Bethlehem	3420949	30.44	7:06:06 AM
645	5/6/2024	243030008	68-AX210R	3029337	Non-haz contaminated soil	Clean Earth of Bethlehem	3420951	29.29	7:12:05 AM
646	5/6/2024	243030008	33-AW670S	3029344	Non-haz contaminated soil	Clean Earth of Bethlehem	3420953	26.44	7:14:21 AM
647	5/6/2024	243030008	55-AW711R	3029343	Non-haz contaminated soil	Clean Earth of Bethlehem	3420956	23.44	7:16:43 AM
648	5/6/2024	243030008	34-AU435J	3029342	Non-haz contaminated soil	Clean Earth of Bethlehem	3420958	25.48	7:18:59 AM
649	5/6/2024	243030008	03-AY523N	3029338	Non-haz contaminated soil	Clean Earth of Bethlehem	3420959	27.6	7:21:50 AM
650	5/6/2024	243020052	38-AU915N	2925453	Non-haz contaminated soil	Clean Earth of New Castle	3420954	22.7	9:24:09 AM
651	5/6/2024	243020052	59-AW919X	2925457	Non-haz contaminated soil	Clean Earth of New Castle	3421319	22.03	9:25:19 AM
652	5/6/2024	243020052	31-AU740H	2925455	Non-haz contaminated soil	Clean Earth of New Castle	3421323	21.14	9:26:41 AM
653	5/6/2024	243020052	14-AT693C	2925456	Non-haz contaminated soil	Clean Earth of New Castle	3421329	23.18	9:27:37 AM
654	5/6/2024	243030008	77-AY760V	3029314	Non-haz contaminated soil	Clean Earth of Bethlehem	3421362	22.54	9:38:49 AM
655	5/6/2024	243030008	03-AT515L	3029315	Non-haz contaminated soil	Clean Earth of Bethlehem	3421369	26.41	9:42:39 AM
656	5/6/2024	243030008	53-AW652C	3029308	Non-haz contaminated soil	Clean Earth of Bethlehem	3421429	29.57	10:05:58 AM
657	5/6/2024	243030008	11-AS462U	3029302	Non-haz contaminated soil	Clean Earth of Bethlehem	3421433	24.84	10:09:04 AM
658	5/6/2024	243030008	12-AY791A	3029310	Non-haz contaminated soil	Clean Earth of Bethlehem	3421440	27.68	10:13:13 AM
659	5/6/2024	243030008	15-AW710R	3029316	Non-haz contaminated soil	Clean Earth of Bethlehem	3421452	26.84	10:19:18 AM
660	5/6/2024	243030008	74-AY578E	3029300	Non-haz contaminated soil	Clean Earth of Bethlehem	3421473	26.76	10:27:29 AM
661	5/6/2024	243030008	78-AW570M	3029313	Non-haz contaminated soil	Clean Earth of Bethlehem	3421479	22.39	10:30:14 AM
662	5/6/2024	243030008	24-AO100F	3029303	Non-haz contaminated soil	Clean Earth of Bethlehem	3421483	28.58	10:32:16 AM
663	5/6/2024	243030008	03-AY186A	3029306	Non-haz contaminated soil	Clean Earth of Bethlehem	3421486	28.51	10:34:22 AM
664	5/6/2024	243030008	36-AU436J	3029294	Non-haz contaminated soil	Clean Earth of Bethlehem	3421487	31.61	10:36:40 AM
665	5/6/2024	243030008	39-AU522N	3029295	Non-haz contaminated soil	Clean Earth of Bethlehem	3421491	26	10:38:34 AM
666	5/6/2024	243030008	12-AW421G	3029290	Non-haz contaminated soil	Clean Earth of Bethlehem	3421498	28.19	10:42:47 AM
667	5/6/2024	243030008	76-AW943A	3029305	Non-haz contaminated soil	Clean Earth of Bethlehem	3421505	27.63	10:45:06 AM
668	5/6/2024	243030008	5461-AY675X	3029285	Non-haz contaminated soil	Clean Earth of Bethlehem	3421524	28.9	10:50:27 AM
669	5/6/2024	243030008	69-AX312S	3029296	Non-haz contaminated soil	Clean Earth of Bethlehem	3421528	24.94	10:52:38 AM
670	5/6/2024	243020038	04-AW859D	2911977	Non-haz contaminated soil	Clean Earth of New Castle	3420190	27.95	10:54:20 AM
671	5/6/2024	243030008	01-AU706U	3029292	Non-haz contaminated soil	Clean Earth of Bethlehem	3421531	24.43	10:55:02 AM
672	5/6/2024	243030008	21-AZ639A	3029291	Non-haz contaminated soil	Clean Earth of Bethlehem	3421535	28.77	10:59:05 AM
673	5/6/2024	243030008	44-AV825V	3029289	Non-haz contaminated soil	Clean Earth of Bethlehem	3421537	28.61	11:00:24 AM
674	5/6/2024	243030008	08-AU514L	3029319	Non-haz contaminated soil	Clean Earth of Bethlehem	3421540	28	11:02:38 AM
675	5/6/2024	243030008	13-AY495T	3029312	Non-haz contaminated soil	Clean Earth of Bethlehem	3421542	22.87	11:04:46 AM
676	5/6/2024	243030008	35-AU520N	3029288	Non-haz contaminated soil	Clean Earth of Bethlehem	3421552	24.37	11:08:46 AM
677	5/6/2024	243030008	30-AT779O	3029286	Non-haz contaminated soil	Clean Earth of Bethlehem	3421553	28.1	11:10:23 AM
678	5/6/2024	243030008	777-AY856K	3029318	Non-haz contaminated soil	Clean Earth of Bethlehem	3421558	27.24	11:12:23 AM
679	5/6/2024	243030008	01-AY869L	3029317	Non-haz contaminated soil	Clean Earth of Bethlehem	3421567	29.07	11:16:50 AM
680	5/6/2024	243030008	75-AW632L	3029304	Non-haz contaminated soil	Clean Earth of Bethlehem	3421573	23.64	11:19:06 AM
681	5/6/2024	243030008	10-AY772L	3029311	Non-haz contaminated soil	Clean Earth of Bethlehem	3421583	28.79	11:21:56 AM
682	5/6/2024	243030008	52-AW462X	3029293	Non-haz contaminated soil	Clean Earth of Bethlehem	3421615	28.79	11:34:11 AM
683	5/6/2024	243030008	45-AW726N	3029297	Non-haz contaminated soil	Clean Earth of Bethlehem	3421624	30.15	11:36:18 AM
684	5/6/2024	243030008	33-AT781U	3029284	Non-haz contaminated soil	Clean Earth of Bethlehem	3421631	27.82	11:38:17 AM
685	5/6/2024	243030008	46-AW727N	3029287	Non-haz contaminated soil	Clean Earth of Bethlehem	3421637	29.9	11:42:05 AM
686	5/6/2024	243020038	57-AW672S	2911978	Non-haz contaminated soil	Clean Earth of New Castle	3421640	17.86	11:42:57 AM
687	5/6/2024	243030008	5460-AS921S	3029280	Non-haz contaminated soil	Clean Earth of Bethlehem	3421644	31.3	11:44:23 AM
688	5/6/2024	243030008	10-AY762R	3029320	Non-haz contaminated soil	Clean Earth of Bethlehem	3421668	29.27	11:55:00 AM
689	5/6/2024	243030008	84-AY659A	3029299	Non-haz contaminated soil	Clean Earth of Bethlehem	3421683	29.52	12:03:05 PM
690	5/6/2024	243030008	20-AT880N	3029281	Non-haz contaminated soil	Clean Earth of Bethlehem	3421687	20.26	12:05:34 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
691	5/6/2024	243030008	09-AW118J	3029298	Non-haz contaminated soil	Clean Earth of Bethlehem	3421748	24.27	12:37:08 PM
692	5/6/2024	243030008	09-AW465J	3029282	Non-haz contaminated soil	Clean Earth of Bethlehem	3421806	24.71	1:01:54 PM
693	5/6/2024	243030008	15-AW570P	3029277	Non-haz contaminated soil	Clean Earth of Bethlehem	3421848	27.65	1:17:27 PM
694	5/6/2024	243030008	22-AW887V	3029278	Non-haz contaminated soil	Clean Earth of Bethlehem	3421855	21.05	1:19:55 PM
695	5/6/2024	243030008	47-AW728N	3029279	Non-haz contaminated soil	Clean Earth of Bethlehem	3421864	28.81	1:22:25 PM
696	5/6/2024	243030008	29-AU186C	3029275	Non-haz contaminated soil	Clean Earth of Bethlehem	3421868	24.48	1:24:53 PM
697	5/6/2024	243030008	03-AW312C	3029301	Non-haz contaminated soil	Clean Earth of Bethlehem	3421887	23.68	1:36:39 PM
698	5/6/2024	243030008	49-AW644W	3029283	Non-haz contaminated soil	Clean Earth of Bethlehem	3421897	24.57	1:41:37 PM
699	5/6/2024	243030008	10-AY464M	3029307	Non-haz contaminated soil	Clean Earth of Bethlehem	3421901	27.98	1:44:04 PM
700	5/6/2024	243030008	07-AU422T	3029273	Non-haz contaminated soil	Clean Earth of Bethlehem	3421928	31.77	1:59:41 PM
701	5/6/2024	243030008	53-AX457D	3029276	Non-haz contaminated soil	Clean Earth of Bethlehem	3421932	24.97	2:02:09 PM
702	5/6/2024	243030008	02-AU927B	3029268	Non-haz contaminated soil	Clean Earth of Bethlehem	3421986	32.67	2:31:35 PM
703	5/6/2024	243030008	03-AX955P	3029271	Non-haz contaminated soil	Clean Earth of Bethlehem	3421989	26.12	2:34:05 PM
704	5/6/2024	243030008	03-AY215L	3029270	Non-haz contaminated soil	Clean Earth of Bethlehem	3421995	26.22	2:36:44 PM
705	5/6/2024	243030008	04-AZ215A	3029269	Non-haz contaminated soil	Clean Earth of Bethlehem	3422014	33.78	2:49:24 PM
706	5/6/2024	243030008	03-AW184A	3029263	Non-haz contaminated soil	Clean Earth of Bethlehem	3422060	29.18	3:06:17 PM
707	5/6/2024	243030008	03-AY511B	3029267	Non-haz contaminated soil	Clean Earth of Bethlehem	3422064	33.04	3:10:42 PM
708	5/6/2024	243030008	05-AU260R	3029265	Non-haz contaminated soil	Clean Earth of Bethlehem	3422074	30.92	3:16:55 PM
709	5/6/2024	243030008	11-AZ374A	3029266	Non-haz contaminated soil	Clean Earth of Bethlehem	3422077	26.25	3:23:26 PM
710	5/6/2024	243030008	05-AX377P	3029272	Non-haz contaminated soil	Clean Earth of Bethlehem	3422080	31.72	3:27:49 PM
711	5/6/2024	243030008	09-AX378P	3029258	Non-haz contaminated soil	Clean Earth of Bethlehem	3422085	34.5	3:31:36 PM
712	5/6/2024	243030008	11-AY976M	3029261	Non-haz contaminated soil	Clean Earth of Bethlehem	3422099	34.16	3:41:56 PM
713	5/6/2024	243030008	12-AY447R	3029262	Non-haz contaminated soil	Clean Earth of Bethlehem	3422100	30.78	3:43:50 PM
714	5/6/2024	243030008	16-AX462J	3029264	Non-haz contaminated soil	Clean Earth of Bethlehem	3422102	26.05	3:46:00 PM
715	5/6/2024	243030008	09-AY284X	3029255	Non-haz contaminated soil	Clean Earth of Bethlehem	3422106	30.07	3:56:20 PM
716	5/6/2024	243030008	48-AW643W	3029259	Non-haz contaminated soil	Clean Earth of Bethlehem	3422107	26.71	4:02:13 PM
717	5/6/2024	243030008	01-AS420W	3029309	Non-haz contaminated soil	Clean Earth of Bethlehem	3422109	27.89	4:05:24 PM
718	5/6/2024	243030008	03-AY523N	3029260	Non-haz contaminated soil	Clean Earth of Bethlehem	3422111	26.97	4:13:22 PM
719	5/7/2024	243030008	04-AY510M	3029256	Non-haz contaminated soil	Clean Earth of Bethlehem	3420170	34.68	7:26:06 AM
720	5/7/2024	243030008	03-AY516B	3029274	Non-haz contaminated soil	Clean Earth of Bethlehem	3422238	28.43	7:28:59 AM
721	5/7/2024	243030008	01-AW795B	3029345	Non-haz contaminated soil	Clean Earth of Bethlehem	3422246	32.77	7:34:50 AM
722	5/7/2024	243030008	09-AX378P	3029243	Non-haz contaminated soil	Clean Earth of Bethlehem	3422750	35.98	11:06:17 AM
723	5/7/2024	243030008	04-AX436X	3029242	Non-haz contaminated soil	Clean Earth of Bethlehem	3422794	29.3	11:21:16 AM
724	5/7/2024	243030008	12-AY447R	3029239	Non-haz contaminated soil	Clean Earth of Bethlehem	3422801	31.94	11:23:25 AM
725	5/7/2024	243030008	11-AY976M	3029238	Non-haz contaminated soil	Clean Earth of Bethlehem	3422810	33.66	11:25:31 AM
726	5/7/2024	243030008	11-AY908B	3029241	Non-haz contaminated soil	Clean Earth of Bethlehem	3422818	22.72	11:27:41 AM
727	5/7/2024	243030008	03-AY511B	3029236	Non-haz contaminated soil	Clean Earth of Bethlehem	3422851	33.36	11:39:57 AM
728	5/7/2024	243030008	03-AZ215A	3029240	Non-haz contaminated soil	Clean Earth of Bethlehem	3422891	28.62	11:51:35 AM
729	5/7/2024	243030008	37-AX384K	3029235	Non-haz contaminated soil	Clean Earth of Bethlehem	3422908	28.25	11:57:29 AM
730	5/7/2024	243030008	44-AW725N	3029234	Non-haz contaminated soil	Clean Earth of Bethlehem	3422912	28.32	12:00:03 PM
731	5/7/2024	243030008	62-AY176T	3029257	Non-haz contaminated soil	Clean Earth of Bethlehem	3422921	28.12	12:04:00 PM
732	5/7/2024	243030008	33-AT781U	3029237	Non-haz contaminated soil	Clean Earth of Bethlehem	3423116	31.24	1:12:27 PM
733	5/7/2024	243030008	13-AY903R	3029250	Non-haz contaminated soil	Clean Earth of Bethlehem	3423125	29.8	1:14:58 PM
734	5/7/2024	243030008	28-AY671U	3029254	Non-haz contaminated soil	Clean Earth of Bethlehem	3423140	33.3	1:19:06 PM
735	5/7/2024	243030008	10-az373a	3029247	Non-haz contaminated soil	Clean Earth of Bethlehem	3423228	32.72	1:58:57 PM
736	5/7/2024	243030008	06-AY375R	3029248	Non-haz contaminated soil	Clean Earth of Bethlehem	3423233	33.07	2:01:14 PM
737	5/7/2024	243030008	08-AY584R	3029251	Non-haz contaminated soil	Clean Earth of Bethlehem	3423249	27.22	2:07:24 PM
738	5/7/2024	243030008	06-AX248Z	3029252	Non-haz contaminated soil	Clean Earth of Bethlehem	3423268	27.05	2:14:07 PM
739	5/7/2024	243030008	12-AZ375A	3029244	Non-haz contaminated soil	Clean Earth of Bethlehem	3423308	32.08	2:29:28 PM
740	5/7/2024	243030008	09-AY284X	3029225	Non-haz contaminated soil	Clean Earth of Bethlehem	3423335	27.42	2:42:35 PM
741	5/7/2024	243030008	30-AT778U	3029233	Non-haz contaminated soil	Clean Earth of Bethlehem	3423344	26.08	2:46:54 PM
742	5/7/2024	243030008	40-AU606U	3029232	Non-haz contaminated soil	Clean Earth of Bethlehem	3423347	26.95	2:48:52 PM
743	5/7/2024	243030008	19-AY685N	3029249	Non-haz contaminated soil	Clean Earth of Bethlehem	3423353	29.59	2:54:27 PM
744	5/7/2024	243030008	AU927B	3029226	Non-haz contaminated soil	Clean Earth of Bethlehem	3423390	29.43	3:07:23 PM
745	5/7/2024	243030008	55-AX227E	3029246	Non-haz contaminated soil	Clean Earth of Bethlehem	3423411	27.74	3:11:36 PM
746	5/7/2024	243030008	16-AX462J	3029245	Non-haz contaminated soil	Clean Earth of Bethlehem	3423412	28.81	3:13:34 PM
747	5/7/2024	243030008	AW539H	3029230	Non-haz contaminated soil	Clean Earth of Bethlehem	3423413	25.95	3:15:16 PM
748	5/7/2024	243030008	03-AY647L	3029253	Non-haz contaminated soil	Clean Earth of Bethlehem	3423417	26.35	3:17:57 PM
749	5/7/2024	243030008	08-AY975M	3029229	Non-haz contaminated soil	Clean Earth of Bethlehem	3423457	34.75	4:01:24 PM
750	5/7/2024	243030008	07-AY998C	3029224	Non-haz contaminated soil	Clean Earth of Bethlehem	3423472	32.68	4:28:39 PM
751	5/7/2024	243030008	01-AX680W	3029228	Non-haz contaminated soil	Clean Earth of Bethlehem	3423474	34.42	4:32:10 PM
752	5/8/2024	243030008	03-AY642H	3029222	Non-haz contaminated soil	Clean Earth of Bethlehem	3423441	29.19	7:50:29 AM
753	5/8/2024	243030008	03-AY913V	3029223	Non-haz contaminated soil	Clean Earth of Bethlehem	3423629	26.31	7:52:31 AM
754	5/8/2024	243030008	05-AZ276B	3029231	Non-haz contaminated soil	Clean Earth of Bethlehem	3423651	32.04	7:58:41 AM
755	5/8/2024	243030008	03-C064107	3029221	Non-haz contaminated soil	Clean Earth of Bethlehem	3423659	44.18	8:03:17 AM
756	5/8/2024	243030008	03-AY996C	3029227	Non-haz contaminated soil	Clean Earth of Bethlehem	3423671	29.37	8:06:51 AM
757	5/8/2024	243030008	06-AY664G	3029219	Non-haz contaminated soil	Clean Earth of Bethlehem	3423679	30.97	8:09:04 AM
758	5/8/2024	243030008	03-AX975Y	3029220	Non-haz contaminated soil	Clean Earth of Bethlehem	3423688	27.95	8:11:32 AM
759	5/9/2024	243030008	03-AY511B	3029000	Non-haz contaminated soil	Clean Earth of Bethlehem	3420171	32.87	9:53:47 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
760	5/9/2024	243030008	03-AT515L	3029207	Non-haz contaminated soil	Clean Earth of Bethlehem	3425247	27.7	10:12:48 AM
761	5/9/2024	243030008	343-AW858D	3029003	Non-haz contaminated soil	Clean Earth of Bethlehem	3425268	28.56	10:16:01 AM
762	5/9/2024	243030008	75-AY577F	3029208	Non-haz contaminated soil	Clean Earth of Bethlehem	3425275	26.19	10:18:51 AM
763	5/9/2024	243030008	02-AY447R	3029209	Non-haz contaminated soil	Clean Earth of Bethlehem	3425287	29.97	10:22:05 AM
764	5/9/2024	243030008	11-AY976M	3029001	Non-haz contaminated soil	Clean Earth of Bethlehem	3425293	29.83	10:24:48 AM
765	5/9/2024	243030008	41-AO427R	3029204	Non-haz contaminated soil	Clean Earth of Bethlehem	3425302	27.41	10:30:13 AM
766	5/9/2024	243030008	33-AW670S	3029201	Non-haz contaminated soil	Clean Earth of Bethlehem	3425306	23.89	10:32:53 AM
767	5/9/2024	243030008	39-AU522N	3029202	Non-haz contaminated soil	Clean Earth of Bethlehem	3425316	27.14	10:36:58 AM
768	5/9/2024	243030008	19-AT878N	3029205	Non-haz contaminated soil	Clean Earth of Bethlehem	3425325	30.76	10:38:54 AM
769	5/9/2024	243030008	10-AS461U	3029206	Non-haz contaminated soil	Clean Earth of Bethlehem	3425328	24.35	10:40:57 AM
770	5/9/2024	243030008	04-AX436X	3029203	Non-haz contaminated soil	Clean Earth of Bethlehem	3425357	25.28	10:51:48 AM
771	5/9/2024	243030008	34-AU435J	3029195	Non-haz contaminated soil	Clean Earth of Bethlehem	3425361	26.05	10:53:57 AM
772	5/9/2024	243030008	11-AS462U	3029198	Non-haz contaminated soil	Clean Earth of Bethlehem	3425367	30.74	10:56:28 AM
773	5/9/2024	243030008	05-AY391G	3029196	Non-haz contaminated soil	Clean Earth of Bethlehem	3425372	26.45	10:58:17 AM
774	5/9/2024	243030008	05-AX377P	3029199	Non-haz contaminated soil	Clean Earth of Bethlehem	3425379	33.93	11:00:09 AM
775	5/9/2024	243030008	09-AX378P	3029200	Non-haz contaminated soil	Clean Earth of Bethlehem	3425384	35.14	11:02:21 AM
776	5/9/2024	243030008	07-AY998C	3029002	Non-haz contaminated soil	Clean Earth of Bethlehem	3425389	32.17	11:04:20 AM
777	5/9/2024	243030008	10-AZ373A	3029197	Non-haz contaminated soil	Clean Earth of Bethlehem	3425392	28.41	11:06:13 AM
778	5/9/2024	243030008	14-AW191T	3029187	Non-haz contaminated soil	Clean Earth of Bethlehem	3425405	28.25	11:10:28 AM
779	5/9/2024	243030008	03-AY553W	3029190	Non-haz contaminated soil	Clean Earth of Bethlehem	3425408	28.25	11:12:33 AM
780	5/9/2024	243030008	09-AZ372A	3029005	Non-haz contaminated soil	Clean Earth of Bethlehem	3425411	34.11	11:14:18 AM
781	5/9/2024	243030008	06-AY375R	3029006	Non-haz contaminated soil	Clean Earth of Bethlehem	3425418	29.75	11:16:21 AM
782	5/9/2024	243030008	02-AU927B	3029189	Non-haz contaminated soil	Clean Earth of Bethlehem	3425428	31.34	11:19:08 AM
783	5/9/2024	243030008	09-AS463O	3029004	Non-haz contaminated soil	Clean Earth of Bethlehem	3425433	26.54	11:21:18 AM
784	5/9/2024	243030008	12-AZ375A	3029186	Non-haz contaminated soil	Clean Earth of Bethlehem	3425469	30.99	11:32:15 AM
785	5/9/2024	243030008	01-AX680W	3029188	Non-haz contaminated soil	Clean Earth of Bethlehem	3425479	30.55	11:37:44 AM
786	5/9/2024	243030008	13-AY903R	3029191	Non-haz contaminated soil	Clean Earth of Bethlehem	3425488	33.31	11:42:30 AM
787	5/9/2024	243030008	08-AY584R	3029192	Non-haz contaminated soil	Clean Earth of Bethlehem	3425495	30.38	11:44:21 AM
788	5/9/2024	243030008	28-AY671U	3029193	Non-haz contaminated soil	Clean Earth of Bethlehem	3425496	32.71	11:46:03 AM
789	5/9/2024	243030008	05-AU260R	3029194	Non-haz contaminated soil	Clean Earth of Bethlehem	3425559	28.97	12:13:42 PM
790	5/9/2024	243030008	11-AZ374A	3029180	Non-haz contaminated soil	Clean Earth of Bethlehem	3425659	26.7	12:55:19 PM
791	5/9/2024	243030008	73-AY186A	3029177	Non-haz contaminated soil	Clean Earth of Bethlehem	3425665	30.67	12:57:41 PM
792	5/9/2024	243030008	04-AW859D	3029178	Non-haz contaminated soil	Clean Earth of Bethlehem	3425674	29.92	12:59:58 PM
793	5/9/2024	243030008	61-AX286W	3029182	Non-haz contaminated soil	Clean Earth of Bethlehem	3425725	25.45	1:18:26 PM
794	5/9/2024	243030008	28-AW448Y	3029179	Non-haz contaminated soil	Clean Earth of Bethlehem	3425731	22.96	1:20:47 PM
795	5/9/2024	243030008	46-AW727N	3029181	Non-haz contaminated soil	Clean Earth of Bethlehem	3425743	28.4	1:26:45 PM
796	5/9/2024	243030008	71-AX595U	3029172	Non-haz contaminated soil	Clean Earth of Bethlehem	3425746	26.44	1:30:10 PM
797	5/9/2024	243030008	57-AW672S	3029174	Non-haz contaminated soil	Clean Earth of Bethlehem	3425751	29.93	1:33:07 PM
798	5/9/2024	243030008	29-AU435F	3029175	Non-haz contaminated soil	Clean Earth of Bethlehem	3425757	30.83	1:36:21 PM
799	5/9/2024	243030008	49-AX884E	3029176	Non-haz contaminated soil	Clean Earth of Bethlehem	3425774	33.01	1:44:09 PM
800	5/9/2024	243030008	30-AZ360B	3029173	Non-haz contaminated soil	Clean Earth of Bethlehem	3425786	27.01	1:49:40 PM
801	5/9/2024	243030008	03-AW645W	3029183	Non-haz contaminated soil	Clean Earth of Bethlehem	3425792	26.33	1:52:10 PM
802	5/9/2024	243030008	31-AU740H	3029168	Non-haz contaminated soil	Clean Earth of Bethlehem	3425799	32.04	1:55:08 PM
803	5/9/2024	243030008	39-AU605U	3029169	Non-haz contaminated soil	Clean Earth of Bethlehem	3425802	25.83	1:57:29 PM
804	5/9/2024	243030008	04-AU606O	3029184	Non-haz contaminated soil	Clean Earth of Bethlehem	3425803	27.8	1:59:46 PM
805	5/9/2024	243030008	51-AW463X	3029164	Non-haz contaminated soil	Clean Earth of Bethlehem	3425811	23.82	2:01:55 PM
806	5/9/2024	243030008	56-AX228E	3029165	Non-haz contaminated soil	Clean Earth of Bethlehem	3425834	27.34	2:09:02 PM
807	5/9/2024	243030008	30-AX946X	3029213	Non-haz contaminated soil	Clean Earth of Bethlehem	3425865	28.16	2:22:37 PM
808	5/9/2024	243030008	59-AX932K	3029166	Non-haz contaminated soil	Clean Earth of Bethlehem	3425870	25.44	2:25:26 PM
809	5/9/2024	243030008	08-AZ371A	3029170	Non-haz contaminated soil	Clean Earth of Bethlehem	3425875	28.21	2:27:31 PM
810	5/9/2024	243030008	45-AZ360B	3029167	Non-haz contaminated soil	Clean Earth of Bethlehem	3425885	31.56	2:29:40 PM
811	5/9/2024	243030008	07-AW559L	3029212	Non-haz contaminated soil	Clean Earth of Bethlehem	3425929	27.96	3:00:52 PM
812	5/9/2024	243030008	03-AW644W	3029214	Non-haz contaminated soil	Clean Earth of Bethlehem	3425931	23.8	3:03:06 PM
813	5/9/2024	243030008	38-AU915N	3029216	Non-haz contaminated soil	Clean Earth of Bethlehem	3425934	28.74	3:04:50 PM
814	5/9/2024	243030008	32-AU741H	3029215	Non-haz contaminated soil	Clean Earth of Bethlehem	3425935	27.1	3:06:48 PM
815	5/9/2024	243030008	07-AU706U	3029218	Non-haz contaminated soil	Clean Earth of Bethlehem	3425937	26.88	3:10:10 PM
816	5/9/2024	243030008	03-AW393Y	3029185	Non-haz contaminated soil	Clean Earth of Bethlehem	3425939	29.78	3:12:25 PM
817	5/9/2024	243030008	74-AY578E	3029217	Non-haz contaminated soil	Clean Earth of Bethlehem	3425941	29.92	3:14:44 PM
818	5/9/2024	243030008	44-AU325V	3029007	Non-haz contaminated soil	Clean Earth of Bethlehem	3425942	25.46	3:18:58 PM
819	5/9/2024	243030008	52-AW462X	3029210	Non-haz contaminated soil	Clean Earth of Bethlehem	3425963	28.35	3:34:42 PM
820	5/9/2024	243030008	47-AW728N	3029211	Non-haz contaminated soil	Clean Earth of Bethlehem	3425965	27.94	3:36:53 PM
821	5/9/2024	243030008	03-AY975M	3029012	Non-haz contaminated soil	Clean Earth of Bethlehem	3425967	32.84	3:38:51 PM
822	5/9/2024	243030008	01-AY769Z	3029011	Non-haz contaminated soil	Clean Earth of Bethlehem	3425969	27.38	3:43:52 PM
823	5/9/2024	243030008	43-AZ361B	3029171	Non-haz contaminated soil	Clean Earth of Bethlehem	3425971	28.27	3:48:21 PM
824	5/9/2024	243030008	55-AX227E	3029008	Non-haz contaminated soil	Clean Earth of Bethlehem	3425975	31.66	3:50:22 PM
825	5/9/2024	243030008	10-AX975Y	3029014	Non-haz contaminated soil	Clean Earth of Bethlehem	3425989	28.3	4:12:01 PM
826	5/10/2024	243030008	58-AW918X	3029009	Non-haz contaminated soil	Clean Earth of Bethlehem	3420172	23.44	7:10:14 AM
827	5/10/2024	243030008	52-AW840A	3029010	Non-haz contaminated soil	Clean Earth of Bethlehem	3426145	23.35	7:25:47 AM
828	5/10/2024	243100018	39-AU522N	3044220	Non-haz contaminated soil	Clean Earth of Philadelphia	3420194	22.76	10:19:26 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
829	5/10/2024	243100018	17-AT517L	3044219	Non-haz contaminated soil	Clean Earth of Philadelphia	3426438	20.51	10:21:00 AM
830	5/10/2024	243100018	03-AT515L	3044221	Non-haz contaminated soil	Clean Earth of Philadelphia	3426448	20.68	10:25:15 AM
831	5/10/2024	243100018	19-AT879N	3044222	Non-haz contaminated soil	Clean Earth of Philadelphia	3426458	20.73	10:33:16 AM
832	5/10/2024	243100018	55-AW711R	3044223	Non-haz contaminated soil	Clean Earth of Philadelphia	3426462	20.33	10:34:08 AM
833	5/10/2024	243100018	33-AW670S	3044225	Non-haz contaminated soil	Clean Earth of Philadelphia	3426495	21.35	10:51:44 AM
834	5/10/2024	243100018	NJ - AS462U	3044227	Non-haz contaminated soil	Clean Earth of Philadelphia	3426502	17.59	10:58:01 AM
835	5/10/2024	243100018	343-AW858D	3044224	Non-haz contaminated soil	Clean Earth of Philadelphia	3426519	18.01	11:05:32 AM
836	5/10/2024	243100018	45-AW525Y	3044226	Non-haz contaminated soil	Clean Earth of Philadelphia	3426523	17.96	11:07:44 AM
837	5/10/2024	243100018	13-AS500Y	3044229	Non-haz contaminated soil	Clean Earth of Philadelphia	3426552	20.61	11:21:32 AM
838	5/10/2024	243100018	51-AU674Y	3044230	Non-haz contaminated soil	Clean Earth of Philadelphia	3426555	20.58	11:22:24 AM
839	5/10/2024	243100018	69-AX312S	3044228	Non-haz contaminated soil	Clean Earth of Philadelphia	3426562	21.7	11:24:12 AM
840	5/10/2024	243030008	03-AY186A	3029018	Non-haz contaminated soil	Clean Earth of Bethlehem	3426572	29.88	11:27:45 AM
841	5/10/2024	243030008	07-AW559C	3029016	Non-haz contaminated soil	Clean Earth of Bethlehem	3426586	23.14	11:31:43 AM
842	5/10/2024	243100018	14-AW191T	3044283	Non-haz contaminated soil	Clean Earth of Philadelphia	3426593	20.97	11:33:13 AM
843	5/10/2024	243030008	49-AX884E	3029017	Non-haz contaminated soil	Clean Earth of Bethlehem	3426595	22.85	11:34:30 AM
844	5/10/2024	243030008	29-AU435F	3029013	Non-haz contaminated soil	Clean Earth of Bethlehem	3426613	22.05	11:41:37 AM
845	5/10/2024	243030008	04-AW859D	3029015	Non-haz contaminated soil	Clean Earth of Bethlehem	3426653	28.13	11:58:47 AM
846	5/10/2024	243100018	71-AX595U	3044277	Non-haz contaminated soil	Clean Earth of Philadelphia	3426656	18.68	11:59:46 AM
847	5/10/2024	243100018	31-AU740H	3044276	Non-haz contaminated soil	Clean Earth of Philadelphia	3426659	20.27	12:02:42 PM
848	5/10/2024	243100018	46-AW727N	3044282	Non-haz contaminated soil	Clean Earth of Philadelphia	3426671	20.69	12:09:04 PM
849	5/10/2024	243100018	61-AX286W	3044281	Non-haz contaminated soil	Clean Earth of Philadelphia	3426677	16.37	12:10:23 PM
850	5/10/2024	243100018	48-AW643W	3044279	Non-haz contaminated soil	Clean Earth of Philadelphia	3426707	21.74	12:23:42 PM
851	5/10/2024	243100018	53-AX457D	3044278	Non-haz contaminated soil	Clean Earth of Philadelphia	3426826	19.18	1:30:53 PM
852	5/10/2024	243030008	04-AX177N	3029036	Non-haz contaminated soil	Clean Earth of Bethlehem	3426900	27.44	2:31:18 PM
853	5/10/2024	243100018	34-AT782U	3044273	Non-haz contaminated soil	Clean Earth of Philadelphia	3426911	17.76	2:45:49 PM
854	5/13/2024	243100018	04-AZ523B	3044280	Non-haz contaminated soil	Clean Earth of Philadelphia	3425806	21.27	7:05:49 AM
855	5/13/2024	243030008	06-AX916L	3029025	Non-haz contaminated soil	Clean Earth of Bethlehem	3426363	29.67	7:06:03 AM
856	5/13/2024	243100018	02-AY642H	3044275	Non-haz contaminated soil	Clean Earth of Philadelphia	3499375	20.59	7:06:35 AM
857	5/13/2024	243030008	05-AX377P	3029032	Non-haz contaminated soil	Clean Earth of Bethlehem	3499377	30.71	7:08:28 AM
858	5/13/2024	243030008	42-AW544B	3029029	Non-haz contaminated soil	Clean Earth of Bethlehem	3499380	23.08	7:11:19 AM
859	5/13/2024	243030008	03-AY511B	3029030	Non-haz contaminated soil	Clean Earth of Bethlehem	3499382	32.05	7:13:58 AM
860	5/13/2024	243100018	05-AZ276B	3044274	Non-haz contaminated soil	Clean Earth of Philadelphia	3499384	21.82	7:15:12 AM
861	5/13/2024	243030008	04-AX436X	3029033	Non-haz contaminated soil	Clean Earth of Bethlehem	3499385	29.89	7:16:22 AM
862	5/13/2024	243030008	11-AZ374A	3029028	Non-haz contaminated soil	Clean Earth of Bethlehem	3499387	27.35	7:18:56 AM
863	5/13/2024	243030008	40-AU606U	3029034	Non-haz contaminated soil	Clean Earth of Bethlehem	3499389	25.53	7:20:55 AM
864	5/13/2024	243030008	62-AY176T	3029035	Non-haz contaminated soil	Clean Earth of Bethlehem	3499392	27.69	7:23:13 AM
865	5/13/2024	243030008	44-AW725N	3029031	Non-haz contaminated soil	Clean Earth of Bethlehem	3499393	29.23	7:25:40 AM
866	5/13/2024	243030008	30-AZ360B	3029027	Non-haz contaminated soil	Clean Earth of Bethlehem	3499394	28.21	7:27:54 AM
867	5/13/2024	243100018	12-AW857D	3044269	Non-haz contaminated soil	Clean Earth of Philadelphia	3499805	20.61	10:02:45 AM
868	5/13/2024	243100018	17 - AT517L	3044270	Non-haz contaminated soil	Clean Earth of Philadelphia	3499916	21.79	10:14:26 AM
869	5/13/2024	243100018	75-AY577F	3044272	Non-haz contaminated soil	Clean Earth of Philadelphia	3499919	21.36	10:16:06 AM
870	5/13/2024	243100018	41-AU427R	3044268	Non-haz contaminated soil	Clean Earth of Philadelphia	3499920	20.84	10:17:47 AM
871	5/13/2024	243100018	07-AU706U	3044264	Non-haz contaminated soil	Clean Earth of Philadelphia	3499924	23.24	10:21:27 AM
872	5/13/2024	243100018	46-AW393Y	3044265	Non-haz contaminated soil	Clean Earth of Philadelphia	3499935	19.3	10:28:06 AM
873	5/13/2024	243030008	38-AU915N	3029038	Non-haz contaminated soil	Clean Earth of Bethlehem	3499942	23.18	10:33:14 AM
874	5/13/2024	243030008	18-AT878N	3029026	Non-haz contaminated soil	Clean Earth of Bethlehem	3499957	20.28	10:35:11 AM
875	5/13/2024	243030008	20-AT880W	3029039	Non-haz contaminated soil	Clean Earth of Bethlehem	3499974	22.41	10:37:54 AM
876	5/13/2024	243030008	68-AX210R	3029037	Non-haz contaminated soil	Clean Earth of Bethlehem	3500000	26.55	10:41:54 AM
877	5/13/2024	243100018	73-AY186A	3044266	Non-haz contaminated soil	Clean Earth of Philadelphia	3500011	25.17	10:45:48 AM
878	5/13/2024	243030008	04-AW859D	3029041	Non-haz contaminated soil	Clean Earth of Bethlehem	3500012	25.28	10:46:50 AM
879	5/13/2024	243030008	24-AU873D	3029040	Non-haz contaminated soil	Clean Earth of Bethlehem	3500016	25.68	10:50:38 AM
880	5/13/2024	243030008	29-AU435F	3029042	Non-haz contaminated soil	Clean Earth of Bethlehem	3500019	24.56	10:52:45 AM
881	5/13/2024	243030008	03-AY664G	3029043	Non-haz contaminated soil	Clean Earth of Bethlehem	3500021	27.6	10:54:51 AM
882	5/13/2024	243100018	39-AU522N	3044263	Non-haz contaminated soil	Clean Earth of Philadelphia	3500026	26.01	10:59:35 AM
883	5/13/2024	243100018	04 - AX917D	3044271	Non-haz contaminated soil	Clean Earth of Philadelphia	3500127	26.39	11:07:19 AM
884	5/13/2024	243100018	29-AY902M	3044267	Non-haz contaminated soil	Clean Earth of Philadelphia	3500167	18.42	11:08:15 AM
885	5/13/2024	243100018	02 - AV927B	3044258	Non-haz contaminated soil	Clean Earth of Philadelphia	3500235	21.6	11:14:01 AM
886	5/13/2024	243100018	07 - AZ370A	3044256	Non-haz contaminated soil	Clean Earth of Philadelphia	3500258	26.5	11:19:57 AM
887	5/13/2024	243100018	10-AZ373A	3044259	Non-haz contaminated soil	Clean Earth of Philadelphia	3500262	23.15	11:20:45 AM
888	5/13/2024	243030008	03-AY553W	3029044	Non-haz contaminated soil	Clean Earth of Bethlehem	3500280	24.03	11:25:52 AM
889	5/13/2024	243100018	01-AX680W	3044262	Non-haz contaminated soil	Clean Earth of Philadelphia	3500313	22.8	11:35:20 AM
890	5/13/2024	243100018	28-AY671U	3044257	Non-haz contaminated soil	Clean Earth of Philadelphia	3500317	20.16	11:35:58 AM
891	5/13/2024	243100018	07-AY998C	3044255	Non-haz contaminated soil	Clean Earth of Philadelphia	3500375	21.57	11:52:00 AM
892	5/13/2024	243030008	14-AW191T	3029094	Non-haz contaminated soil	Clean Earth of Bethlehem	3500381	22.86	11:55:23 AM
893	5/13/2024	243030008	11-AY976M	3029092	Non-haz contaminated soil	Clean Earth of Bethlehem	3500551	32.85	12:19:38 PM
894	5/13/2024	243030008	12-AY447R	3029091	Non-haz contaminated soil	Clean Earth of Bethlehem	3500562	30.7	12:22:11 PM
895	5/13/2024	243030008	31-AU740H	3029089	Non-haz contaminated soil	Clean Earth of Bethlehem	3500612	24.25	12:38:37 PM
896	5/13/2024	243030008	02-AY694C	3029084	Non-haz contaminated soil	Clean Earth of Bethlehem	3500651	31.22	12:53:22 PM
897	5/13/2024	243030008	62-AY176T	3029086	Non-haz contaminated soil	Clean Earth of Bethlehem	3500901	27.81	1:42:50 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
898	5/13/2024	243030008	44-AW725N	3029085	Non-haz contaminated soil	Clean Earth of Bethlehem	3500902	26.39	1:45:03 PM
899	5/13/2024	243030008	03-AY975M	3029087	Non-haz contaminated soil	Clean Earth of Bethlehem	3501501	34.48	3:32:28 PM
900	5/14/2024	243100018	30-AW670S	3044260	Non-haz contaminated soil	Clean Earth of Philadelphia	3499566	18.9	10:07:02 AM
901	5/14/2024	243100018	30-AX946X	3044261	Non-haz contaminated soil	Clean Earth of Philadelphia	3505249	22.33	10:13:19 AM
902	5/14/2024	243100018	46-AW393Y	3044252	Non-haz contaminated soil	Clean Earth of Philadelphia	3505277	16.15	10:20:34 AM
903	5/14/2024	243100018	42-AU273U	3044250	Non-haz contaminated soil	Clean Earth of Philadelphia	3505288	21.75	10:26:09 AM
904	5/14/2024	243100018	02-AW244V	3044254	Non-haz contaminated soil	Clean Earth of Philadelphia	3505313	18.6	10:33:16 AM
905	5/14/2024	243100018	39-AU522J	3044253	Non-haz contaminated soil	Clean Earth of Philadelphia	3505335	21.91	10:38:04 AM
906	5/14/2024	243100018	44-AU825V	3044251	Non-haz contaminated soil	Clean Earth of Philadelphia	3505369	23.34	10:49:58 AM
907	5/14/2024	243100018	52-AW840A	3044247	Non-haz contaminated soil	Clean Earth of Philadelphia	3505660	20.8	11:32:20 AM
908	5/14/2024	243100018	34-AU435J	3044248	Non-haz contaminated soil	Clean Earth of Philadelphia	3505665	19.1	11:34:17 AM
909	5/14/2024	243100018	56-AW671S	3044249	Non-haz contaminated soil	Clean Earth of Philadelphia	3506506	19.53	1:09:19 PM
910	5/15/2024	243100018	77-AY760V	3044235	Non-haz contaminated soil	Clean Earth of Philadelphia	3505260	18.24	10:27:40 AM
911	5/15/2024	243100018	75 - AY577F	3044236	Non-haz contaminated soil	Clean Earth of Philadelphia	3520550	22.06	10:42:23 AM
912	5/15/2024	243100018	03-AT515L	3044239	Non-haz contaminated soil	Clean Earth of Philadelphia	3520568	26.41	10:54:34 AM
913	5/15/2024	243030008	64-AS416T	3029088	Non-haz contaminated soil	Clean Earth of Bethlehem	3426364	26.04	11:04:21 AM
914	5/15/2024	243100018	343-AW858D	3044237	Non-haz contaminated soil	Clean Earth of Philadelphia	3520944	18.52	11:06:33 AM
915	5/15/2024	243100018	15-AW710R	3044238	Non-haz contaminated soil	Clean Earth of Philadelphia	3520946	23.96	11:07:09 AM
916	5/15/2024	243100018	33-AW670S	3044240	Non-haz contaminated soil	Clean Earth of Philadelphia	3521470	23.15	11:22:47 AM
917	5/15/2024	243100018	17-AT517L	3044241	Non-haz contaminated soil	Clean Earth of Philadelphia	3521494	20.6	11:23:20 AM
918	5/15/2024	243100018	69-AX312S	3044243	Non-haz contaminated soil	Clean Earth of Philadelphia	3521782	25.95	11:30:16 AM
919	5/15/2024	243030008	16-AW393Y	3029081	Non-haz contaminated soil	Clean Earth of Bethlehem	3521819	22.49	11:31:29 AM
920	5/15/2024	243030008	39-AU572N	3029083	Non-haz contaminated soil	Clean Earth of Bethlehem	3521897	23.42	11:34:05 AM
921	5/15/2024	243100018	07-AW559L	3044242	Non-haz contaminated soil	Clean Earth of Philadelphia	3522016	22.16	11:42:28 AM
922	5/15/2024	243030008	34-AU435J	3029082	Non-haz contaminated soil	Clean Earth of Bethlehem	3522134	25.6	11:45:12 AM
923	5/15/2024	243030008	36-AU436J	3029077	Non-haz contaminated soil	Clean Earth of Bethlehem	3522324	32.38	11:49:30 AM
924	5/15/2024	243030008	42-AU273U	3029076	Non-haz contaminated soil	Clean Earth of Bethlehem	3522415	26.06	11:51:32 AM
925	5/15/2024	243030008	01-AU706U	3029090	Non-haz contaminated soil	Clean Earth of Bethlehem	3522490	25.58	11:53:21 AM
926	5/15/2024	243030008	02-AS461U	3029093	Non-haz contaminated soil	Clean Earth of Bethlehem	3522573	21.62	11:55:15 AM
927	5/15/2024	243100018	41-AU427R	3044246	Non-haz contaminated soil	Clean Earth of Philadelphia	3522598	20.77	11:55:47 AM
928	5/15/2024	243030008	57-AW672S	3029075	Non-haz contaminated soil	Clean Earth of Bethlehem	3522832	22.82	12:01:08 PM
929	5/15/2024	243100018	19-AT879N	3044244	Non-haz contaminated soil	Clean Earth of Philadelphia	3522945	23.05	12:03:49 PM
930	5/15/2024	243100018	55-AW711R	3044245	Non-haz contaminated soil	Clean Earth of Philadelphia	3522977	21.29	12:04:34 PM
931	5/15/2024	243030008	11-AU610S	3029074	Non-haz contaminated soil	Clean Earth of Bethlehem	3523114	26.32	12:07:47 PM
932	5/15/2024	243030008	70-AX717S	3029079	Non-haz contaminated soil	Clean Earth of Bethlehem	3523261	25.19	12:11:21 PM
933	5/15/2024	243030008	09-AS463U	3029080	Non-haz contaminated soil	Clean Earth of Bethlehem	3523390	27.44	12:14:32 PM
934	5/15/2024	243030008	60-AS702T	3029071	Non-haz contaminated soil	Clean Earth of Bethlehem	3523506	23.47	12:17:17 PM
935	5/15/2024	243030008	03-AY521A	3029073	Non-haz contaminated soil	Clean Earth of Bethlehem	3523796	22.65	12:27:16 PM
936	5/15/2024	243030008	76-AU854R	3029072	Non-haz contaminated soil	Clean Earth of Bethlehem	3523905	25.39	12:29:48 PM
937	5/15/2024	243030008	08-AU514L	3029335	Non-haz contaminated soil	Clean Earth of Bethlehem	3524377	30.94	12:41:28 PM
938	5/15/2024	243030008	03-AY659A	3029062	Non-haz contaminated soil	Clean Earth of Bethlehem	3524478	27.05	12:44:06 PM
939	5/15/2024	243030008	56-AW671S	3029078	Non-haz contaminated soil	Clean Earth of Bethlehem	3524632	24.39	12:49:28 PM
940	5/15/2024	243030008	53-AW562C	3029070	Non-haz contaminated soil	Clean Earth of Bethlehem	3524637	27.27	12:55:30 PM
941	5/15/2024	243030008	12-AW857D	3029068	Non-haz contaminated soil	Clean Earth of Bethlehem	3524651	29.17	1:00:09 PM
942	5/15/2024	243030008	04-AW859D	3029063	Non-haz contaminated soil	Clean Earth of Bethlehem	3524691	33.44	1:12:00 PM
943	5/15/2024	243030008	60-AX913D	3029064	Non-haz contaminated soil	Clean Earth of Bethlehem	3524722	31.02	1:17:07 PM
944	5/15/2024	243030008	43-AY186A	3029065	Non-haz contaminated soil	Clean Earth of Bethlehem	3524731	30.75	1:19:53 PM
945	5/15/2024	243030008	44-AU825U	3029067	Non-haz contaminated soil	Clean Earth of Bethlehem	3524765	34.24	1:25:59 PM
946	5/15/2024	243030008	27-AU873D	3029336	Non-haz contaminated soil	Clean Earth of Bethlehem	3524810	24.66	1:39:05 PM
947	5/15/2024	243030008	AU520N	3029069	Non-haz contaminated soil	Clean Earth of Bethlehem	3524824	28.51	1:41:45 PM
948	5/15/2024	243030008	31-AU740H	3029066	Non-haz contaminated soil	Clean Earth of Bethlehem	3524831	30.74	1:44:13 PM
949	5/15/2024	243030008	39-AU605U	3029334	Non-haz contaminated soil	Clean Earth of Bethlehem	3524994	25.68	2:10:39 PM
950	5/15/2024	243030008	57-AX229E	3029322	Non-haz contaminated soil	Clean Earth of Bethlehem	3525007	25.94	2:16:03 PM
951	5/15/2024	243030008	60-AX287W	3029323	Non-haz contaminated soil	Clean Earth of Bethlehem	3525025	25.62	2:31:37 PM
952	5/15/2024	243030008	58-AX385K	3029321	Non-haz contaminated soil	Clean Earth of Bethlehem	3525029	28.16	2:33:52 PM
953	5/15/2024	243030008	59-AX932K	3029324	Non-haz contaminated soil	Clean Earth of Bethlehem	3525129	24.38	3:13:06 PM
954	5/16/2024	243030008	AT781U	3029326	Non-haz contaminated soil	Clean Earth of Bethlehem	3542545	28.88	8:15:42 AM
955	5/16/2024	243030008	53-AX457D	3029325	Non-haz contaminated soil	Clean Earth of Bethlehem	3543485	25.51	8:17:34 AM
956	5/16/2024	243030008	48-AW643W	3029327	Non-haz contaminated soil	Clean Earth of Bethlehem	3543730	28.7	8:21:52 AM
957	5/16/2024	243030008	43-AZ361B	3029328	Non-haz contaminated soil	Clean Earth of Bethlehem	3543826	27.55	8:23:43 AM
958	5/16/2024	243030008	71-AX781C	3029330	Non-haz contaminated soil	Clean Earth of Bethlehem	3543882	27.33	8:25:13 AM
959	5/16/2024	243030008	55-AX227E	3029329	Non-haz contaminated soil	Clean Earth of Bethlehem	3543996	25.47	8:26:36 AM
960	5/16/2024	243020052	05-AU260R	2925444	Non-haz contaminated soil	Clean Earth of New Castle	3426873	29.02	10:58:05 AM
961	5/16/2024	243020052	NJ - AS462U	2925452	Non-haz contaminated soil	Clean Earth of New Castle	3551363	29.58	11:03:37 AM
962	5/16/2024	243020052	41-AU427R	2925454	Non-haz contaminated soil	Clean Earth of New Castle	3551383	27.23	11:08:58 AM
963	5/16/2024	243020052	08-AW770P	2925442	Non-haz contaminated soil	Clean Earth of New Castle	3551402	26.03	11:15:50 AM
964	5/16/2024	243020052	45-AU371W	2925450	Non-haz contaminated soil	Clean Earth of New Castle	3551430	22.71	11:21:24 AM
965	5/16/2024	243020052	29-AU435F	2925448	Non-haz contaminated soil	Clean Earth of New Castle	3551466	24.96	11:32:38 AM
966	5/16/2024	243020052	68-AX210R	2925449	Non-haz contaminated soil	Clean Earth of New Castle	3551497	27.09	11:36:37 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
967	5/16/2024	243020052	75-AY577F	2925446	Non-haz contaminated soil	Clean Earth of New Castle	3551515	27.38	11:45:06 AM
968	5/16/2024	243020052	30-AX946X	2925451	Non-haz contaminated soil	Clean Earth of New Castle	3551637	27.67	11:58:23 AM
969	5/16/2024	243020052	71-AX595U	2925443	Non-haz contaminated soil	Clean Earth of New Castle	3551641	31.39	12:00:11 PM
970	5/16/2024	243020052	AW919X	2925440	Non-haz contaminated soil	Clean Earth of New Castle	3551961	32.08	12:16:59 PM
971	5/16/2024	243020052	31-Au740H	2925438	Non-haz contaminated soil	Clean Earth of New Castle	3552236	26.48	12:22:05 PM
972	5/16/2024	243020052	18-AT878N	2925439	Non-haz contaminated soil	Clean Earth of New Castle	3552246	26.28	12:23:53 PM
973	5/16/2024	243020052	52-AW840A	2925441	Non-haz contaminated soil	Clean Earth of New Castle	3552612	26.19	12:33:49 PM
974	5/16/2024	243020052	03-AU714R	2925433	Non-haz contaminated soil	Clean Earth of New Castle	3552838	26.76	12:37:38 PM
975	5/16/2024	243020052	32-AU741H	2925435	Non-haz contaminated soil	Clean Earth of New Castle	3553859	31.36	1:02:29 PM
976	5/16/2024	243020052	38-AU915N	2925437	Non-haz contaminated soil	Clean Earth of New Castle	3554041	29.29	1:05:14 PM
977	5/16/2024	243020052	20-AT880N	2925436	Non-haz contaminated soil	Clean Earth of New Castle	3554179	28.73	1:06:34 PM
978	5/16/2024	243020052	04-AX177N	2911971	Non-haz contaminated soil	Clean Earth of New Castle	3555184	24.9	1:22:10 PM
979	5/16/2024	243020052	30-AT778U	2925432	Non-haz contaminated soil	Clean Earth of New Castle	3555282	24.68	1:24:01 PM
980	5/16/2024	243020052	56-AX228E	2911975	Non-haz contaminated soil	Clean Earth of New Castle	3557036	23.03	1:53:46 PM
981	5/16/2024	243020052	46-AW727N	2911974	Non-haz contaminated soil	Clean Earth of New Castle	3557449	25.8	2:00:39 PM
982	5/16/2024	243020052	51-AW463X	2911973	Non-haz contaminated soil	Clean Earth of New Castle	3557795	25	2:06:20 PM
983	5/16/2024	243020052	50-AW645W	2911976	Non-haz contaminated soil	Clean Earth of New Castle	3557847	23	2:11:25 PM
984	5/16/2024	243020052	61-AX286W	2911972	Non-haz contaminated soil	Clean Earth of New Castle	3557867	24.66	2:15:36 PM
985	5/16/2024	243020052	39-AU605U	2911970	Non-haz contaminated soil	Clean Earth of New Castle	3557954	25.96	2:38:26 PM
986	5/16/2024	243020052	45-AZ362B	2911967	Non-haz contaminated soil	Clean Earth of New Castle	3558296	28.13	2:56:41 PM
987	5/16/2024	243020052	49-AW644W	2911966	Non-haz contaminated soil	Clean Earth of New Castle	3559411	26.18	3:16:16 PM
988	5/16/2024	243020052	52-AW462X	2911965	Non-haz contaminated soil	Clean Earth of New Castle	3559567	25.42	3:18:44 PM
989	5/16/2024	243020052	42-AW544B	2911969	Non-haz contaminated soil	Clean Earth of New Castle	3559886	22.69	3:25:07 PM
990	5/16/2024	243020052	40-AU606U	2911968	Non-haz contaminated soil	Clean Earth of New Castle	3560144	25.13	3:30:45 PM
991	5/17/2024	243020052	14 - AT693C	2925445	Non-haz contaminated soil	Clean Earth of New Castle	3571674	26.42	7:39:48 AM
992	5/17/2024	243030008	11-AS462U	3029097	Non-haz contaminated soil	Clean Earth of Bethlehem	3426365	25.38	9:59:01 AM
993	5/17/2024	243030008	64-AS416T	3029098	Non-haz contaminated soil	Clean Earth of Bethlehem	3572397	29.9	10:02:01 AM
994	5/17/2024	243030008	53-AW562C	3029099	Non-haz contaminated soil	Clean Earth of Bethlehem	3572415	27.22	10:07:10 AM
995	5/17/2024	243030008	03-AY791A	3029095	Non-haz contaminated soil	Clean Earth of Bethlehem	3572424	29.79	10:11:56 AM
996	5/17/2024	243030008	41-AU427R	3029113	Non-haz contaminated soil	Clean Earth of Bethlehem	3572470	21.52	10:24:50 AM
997	5/17/2024	243030008	777-AY856K	3029115	Non-haz contaminated soil	Clean Earth of Bethlehem	3572540	30.71	10:44:12 AM
998	5/17/2024	243030008	12-AW857D	3029105	Non-haz contaminated soil	Clean Earth of Bethlehem	3572570	33.21	10:50:20 AM
999	5/17/2024	243030008	AS921P	3029110	Non-haz contaminated soil	Clean Earth of Bethlehem	3572578	31.88	10:52:37 AM
1000	5/17/2024	243030008	10-AY762R	3029103	Non-haz contaminated soil	Clean Earth of Bethlehem	3572583	32.35	10:55:15 AM
1001	5/17/2024	243030008	12-AW421C	3029111	Non-haz contaminated soil	Clean Earth of Bethlehem	3572624	27.94	10:58:24 AM
1002	5/17/2024	243030008	21-AZ639A	3029106	Non-haz contaminated soil	Clean Earth of Bethlehem	3572627	31.25	11:00:33 AM
1003	5/17/2024	243030008	5461-AY675X	3029102	Non-haz contaminated soil	Clean Earth of Bethlehem	3572635	27.87	11:02:40 AM
1004	5/17/2024	243030008	60-AX913D	3029118	Non-haz contaminated soil	Clean Earth of Bethlehem	3572643	35.69	11:05:11 AM
1005	5/17/2024	243030008	09-AW118J	3029096	Non-haz contaminated soil	Clean Earth of Bethlehem	3572699	26.15	11:16:38 AM
1006	5/17/2024	243030008	84-AY659A	3029104	Non-haz contaminated soil	Clean Earth of Bethlehem	3572709	35.21	11:19:39 AM
1007	5/17/2024	243030008	68-AX210R	3029112	Non-haz contaminated soil	Clean Earth of Bethlehem	3572717	32.98	11:22:19 AM
1008	5/17/2024	243030008	73-AY186A	3029109	Non-haz contaminated soil	Clean Earth of Bethlehem	3572721	34.57	11:24:26 AM
1009	5/17/2024	243030008	59-AW919X	3029114	Non-haz contaminated soil	Clean Earth of Bethlehem	3572758	26.63	11:26:24 AM
1010	5/17/2024	243030008	AU520N	3029119	Non-haz contaminated soil	Clean Earth of Bethlehem	3572761	34.51	11:28:23 AM
1011	5/17/2024	243030008	36-AU436J	3029116	Non-haz contaminated soil	Clean Earth of Bethlehem	3572769	31.48	11:30:34 AM
1012	5/17/2024	243030008	AT259F	3029101	Non-haz contaminated soil	Clean Earth of Bethlehem	3572779	28.19	11:32:46 AM
1013	5/17/2024	243030008	14-AU1298U	3029108	Non-haz contaminated soil	Clean Earth of Bethlehem	3572816	27.11	11:40:49 AM
1014	5/17/2024	243030008	78-AW570M	3029107	Non-haz contaminated soil	Clean Earth of Bethlehem	3572978	28.42	11:59:15 AM
1015	5/17/2024	243030008	76-AU854R	3029124	Non-haz contaminated soil	Clean Earth of Bethlehem	3572985	31.14	12:01:35 PM
1016	5/17/2024	243030008	13-AY495T	3029121	Non-haz contaminated soil	Clean Earth of Bethlehem	3573020	32.62	12:14:14 PM
1017	5/17/2024	243030008	08-AU514L	3029125	Non-haz contaminated soil	Clean Earth of Bethlehem	3573052	33.75	12:19:05 PM
1018	5/17/2024	243030008	71-AX595U	3029123	Non-haz contaminated soil	Clean Earth of Bethlehem	3573096	25.13	12:27:02 PM
1019	5/17/2024	243030008	10-AY772L	3029122	Non-haz contaminated soil	Clean Earth of Bethlehem	3573103	28.55	12:31:41 PM
1020	5/17/2024	243030008	24-AU100F	3029120	Non-haz contaminated soil	Clean Earth of Bethlehem	3573108	33.82	12:33:52 PM
1021	5/17/2024	243030008	22-AX532P	3029162	Non-haz contaminated soil	Clean Earth of Bethlehem	3573138	24.05	12:41:13 PM
1022	5/17/2024	243030008	03-AX698F	3029158	Non-haz contaminated soil	Clean Earth of Bethlehem	3573142	24.28	12:43:35 PM
1023	5/17/2024	243030008	48-AW643W	3029159	Non-haz contaminated soil	Clean Earth of Bethlehem	3573176	29.16	12:46:01 PM
1024	5/17/2024	243030008	03-AW847H	3029155	Non-haz contaminated soil	Clean Earth of Bethlehem	3573186	29.5	12:49:24 PM
1025	5/17/2024	243030008	11-AY436A	3029154	Non-haz contaminated soil	Clean Earth of Bethlehem	3573289	25.52	1:01:23 PM
1026	5/17/2024	243030008	03-AX578K	3029161	Non-haz contaminated soil	Clean Earth of Bethlehem	3573374	27.17	1:16:01 PM
1027	5/17/2024	243030008	15-AY698R	3029156	Non-haz contaminated soil	Clean Earth of Bethlehem	3573383	25.84	1:18:50 PM
1028	5/17/2024	243030008	03-AU692P	3029153	Non-haz contaminated soil	Clean Earth of Bethlehem	3573395	25.32	1:23:08 PM
1029	5/17/2024	243030008	14-AW191T	3029163	Non-haz contaminated soil	Clean Earth of Bethlehem	3573422	27.05	1:29:17 PM
1030	5/17/2024	243030008	45-AZ362B	3029152	Non-haz contaminated soil	Clean Earth of Bethlehem	3573427	30.05	1:31:24 PM
1031	5/17/2024	243030008	10-AY260E	3029157	Non-haz contaminated soil	Clean Earth of Bethlehem	3573433	27.73	1:34:02 PM
1032	5/17/2024	243030008	46-AW727N	3029149	Non-haz contaminated soil	Clean Earth of Bethlehem	3573459	28.77	1:36:13 PM
1033	5/17/2024	243030008	03-AW645W	3029151	Non-haz contaminated soil	Clean Earth of Bethlehem	3573661	25.5	2:16:58 PM
1034	5/17/2024	243030008	56-AX228E	3029148	Non-haz contaminated soil	Clean Earth of Bethlehem	3573665	27.64	2:20:18 PM
1035	5/17/2024	243030008	58-AX385K	3029146	Non-haz contaminated soil	Clean Earth of Bethlehem	3573670	28.2	2:22:45 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1036	5/17/2024	243030008	51-AW463X	3029145	Non-haz contaminated soil	Clean Earth of Bethlehem	3573694	28.21	2:29:08 PM
1037	5/17/2024	243030008	52-AW462X	3029142	Non-haz contaminated soil	Clean Earth of Bethlehem	3573702	27.78	2:33:46 PM
1038	5/17/2024	243030008	59-AX932K	3029143	Non-haz contaminated soil	Clean Earth of Bethlehem	3573775	26.48	2:48:52 PM
1039	5/17/2024	243030008	42-AW544B	3029140	Non-haz contaminated soil	Clean Earth of Bethlehem	3573857	21.97	3:16:39 PM
1040	5/17/2024	243030008	01-AY869L	3029144	Non-haz contaminated soil	Clean Earth of Bethlehem	3574074	30.15	4:28:58 PM
1041	5/20/2024	243030008	77-AW932C	3029117	Non-haz contaminated soil	Clean Earth of Bethlehem	3572413	35.3	7:05:16 AM
1042	5/20/2024	243030008	10-AS461U	3029141	Non-haz contaminated soil	Clean Earth of Bethlehem	3576576	23.76	7:07:54 AM
1043	5/20/2024	243030008	57-AW672S	3029138	Non-haz contaminated soil	Clean Earth of Bethlehem	3576577	30.71	7:10:19 AM
1044	5/20/2024	243030008	04-AW859D	3029139	Non-haz contaminated soil	Clean Earth of Bethlehem	3576578	31.43	7:12:39 AM
1045	5/20/2024	243030008	29-AU435F	3029147	Non-haz contaminated soil	Clean Earth of Bethlehem	3576580	33.11	7:14:58 AM
1046	5/20/2024	243030008	AS462U	3029137	Non-haz contaminated soil	Clean Earth of Bethlehem	3576585	28.93	7:17:17 AM
1047	5/20/2024	243030008	AU427R	3029136	Non-haz contaminated soil	Clean Earth of Bethlehem	3576592	33.3	7:24:36 AM
1048	5/20/2024	243030008	52-AW840A	3029150	Non-haz contaminated soil	Clean Earth of Bethlehem	3576604	26.32	7:31:34 AM
1049	5/20/2024	243030008	07-AY998C	3029134	Non-haz contaminated soil	Clean Earth of Bethlehem	3577117	33.46	10:21:58 AM
1050	5/20/2024	243030008	28-AY671U	3029135	Non-haz contaminated soil	Clean Earth of Bethlehem	3577135	32.79	10:24:39 AM
1051	5/20/2024	243030008	AS921P	3029132	Non-haz contaminated soil	Clean Earth of Bethlehem	3577155	28.9	10:27:02 AM
1052	5/20/2024	243030008	21-AZ639A	3029131	Non-haz contaminated soil	Clean Earth of Bethlehem	3577161	30.88	10:32:15 AM
1053	5/20/2024	243030008	10-AY464M	3029127	Non-haz contaminated soil	Clean Earth of Bethlehem	3577169	27.04	10:34:53 AM
1054	5/20/2024	243030008	12-AY791A	3029129	Non-haz contaminated soil	Clean Earth of Bethlehem	3577191	28.64	10:37:11 AM
1055	5/20/2024	243030008	02-AY183C	3029023	Non-haz contaminated soil	Clean Earth of Bethlehem	3577207	33	10:41:18 AM
1056	5/20/2024	243030008	20-AY792A	3029024	Non-haz contaminated soil	Clean Earth of Bethlehem	3577220	30.51	10:43:41 AM
1057	5/20/2024	243030008	84-AY659A	3029128	Non-haz contaminated soil	Clean Earth of Bethlehem	3577238	31.04	10:46:14 AM
1058	5/20/2024	243030008	777-AY856K	3029022	Non-haz contaminated soil	Clean Earth of Bethlehem	3577246	29.1	10:48:15 AM
1059	5/20/2024	243030008	71-AX781C	3029133	Non-haz contaminated soil	Clean Earth of Bethlehem	3577249	30.72	10:50:12 AM
1060	5/20/2024	243030008	13-AY495T	3029126	Non-haz contaminated soil	Clean Earth of Bethlehem	3577254	30.43	10:52:36 AM
1061	5/20/2024	243030008	24-AU100F	3029020	Non-haz contaminated soil	Clean Earth of Bethlehem	3577307	28.67	10:56:30 AM
1062	5/20/2024	243030008	03-AW887V	3029021	Non-haz contaminated soil	Clean Earth of Bethlehem	3577315	27.05	10:58:33 AM
1063	5/20/2024	243030008	12-AW421C	3029047	Non-haz contaminated soil	Clean Earth of Bethlehem	3577348	27.56	11:09:42 AM
1064	5/20/2024	243030008	62-AX780C	3029046	Non-haz contaminated soil	Clean Earth of Bethlehem	3577390	27.58	11:18:18 AM
1065	5/20/2024	243030008	10-AY762R	3029130	Non-haz contaminated soil	Clean Earth of Bethlehem	3577393	30.13	11:19:15 AM
1066	5/20/2024	243030008	13-AY903R	3029048	Non-haz contaminated soil	Clean Earth of Bethlehem	3577431	35.71	11:25:44 AM
1067	5/20/2024	243030008	5461-AY675X	3029049	Non-haz contaminated soil	Clean Earth of Bethlehem	3577442	31.65	11:30:13 AM
1068	5/20/2024	243020052	08-AZ371A	2916369	Non-haz contaminated soil	Clean Earth of New Castle	3572418	22.87	11:30:29 AM
1069	5/20/2024	243030008	09-AW118J	3029052	Non-haz contaminated soil	Clean Earth of Bethlehem	3577494	29.43	11:43:09 AM
1070	5/20/2024	243020052	02-AU927B	2916365	Non-haz contaminated soil	Clean Earth of New Castle	3577496	25.37	11:45:08 AM
1071	5/20/2024	243030008	06-AY664G	3029053	Non-haz contaminated soil	Clean Earth of Bethlehem	3577502	34.59	11:45:18 AM
1072	5/20/2024	243030008	03-AU260R	3029051	Non-haz contaminated soil	Clean Earth of Bethlehem	3577513	32.3	11:47:34 AM
1073	5/20/2024	2430816966	31-AY590M	018008490fle	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		22	11:48:07 AM
1074	5/20/2024	243020052	01-AU706U	2916370	Non-haz contaminated soil	Clean Earth of New Castle	3577522	24.9	11:49:57 AM
1075	5/20/2024	243020052	53-AW562C	2916368	Non-haz contaminated soil	Clean Earth of New Castle	3577535	23.36	11:53:06 AM
1076	5/20/2024	243030008	78-AW570M	3029050	Non-haz contaminated soil	Clean Earth of Bethlehem	3577613	31.39	11:59:01 AM
1077	5/20/2024	243020052	21-AS420W	2916367	Non-haz contaminated soil	Clean Earth of New Castle	3577682	29.45	11:59:36 AM
1078	5/20/2024	243020052	04-AX177N	2916366	Non-haz contaminated soil	Clean Earth of New Castle	3577939	26.86	12:01:40 PM
1079	5/20/2024	243030008	04-AX917D	3029054	Non-haz contaminated soil	Clean Earth of Bethlehem	3578034	31.72	12:04:51 PM
1080	5/20/2024	243020052	28-AW995D	2916364	Non-haz contaminated soil	Clean Earth of New Castle	3578040	23.39	12:05:44 PM
1081	5/20/2024	243020052	31-AU740H	2916363	Non-haz contaminated soil	Clean Earth of New Castle	3578057	29.15	12:08:05 PM
1082	5/20/2024	243030008	29-AU186C	3029019	Non-haz contaminated soil	Clean Earth of Bethlehem	3578087	28.1	12:15:40 PM
1083	5/20/2024	243020052	50-AU330Y	2916362	Non-haz contaminated soil	Clean Earth of New Castle	3578128	31.84	12:29:46 PM
1084	5/20/2024	243030008	11-AZ374A	3029045	Non-haz contaminated soil	Clean Earth of Bethlehem	3578149	26.54	12:35:38 PM
1085	5/20/2024	243020052	55-AW711R	2916360	Non-haz contaminated soil	Clean Earth of New Castle	3578316	27.42	1:00:07 PM
1086	5/20/2024	243030008	14-AW233K	3029055	Non-haz contaminated soil	Clean Earth of Bethlehem	3578323	27.76	1:02:38 PM
1087	5/20/2024	243020052	33-AW670S	2916357	Non-haz contaminated soil	Clean Earth of New Castle	3578377	28.82	1:11:22 PM
1088	5/20/2024	243020052	20-AT880N	2916359	Non-haz contaminated soil	Clean Earth of New Castle	3578392	27.54	1:13:16 PM
1089	5/20/2024	243030008	06-AX248Z	3029056	Non-haz contaminated soil	Clean Earth of Bethlehem	3578486	28.89	1:18:02 PM
1090	5/20/2024	243020052	18-AT878N	2916356	Non-haz contaminated soil	Clean Earth of New Castle	3578487	22.43	1:18:02 PM
1091	5/20/2024	243020052	Au825V	2916358	Non-haz contaminated soil	Clean Earth of New Castle	3578529	27.21	1:21:26 PM
1092	5/20/2024	243030008	03-AY678S	3029057	Non-haz contaminated soil	Clean Earth of Bethlehem	3578548	28.41	1:25:39 PM
1093	5/20/2024	243020052	NJAW393Y	2916354	Non-haz contaminated soil	Clean Earth of New Castle	3578563	28.1	1:26:03 PM
1094	5/20/2024	243020052	13-AS500Y	2916351	Non-haz contaminated soil	Clean Earth of New Castle	3578569	29.82	1:27:32 PM
1095	5/20/2024	243020052	12-AW857D	2916352	Non-haz contaminated soil	Clean Earth of New Castle	3578570	28.66	1:29:02 PM
1096	5/20/2024	243020052	42-AU273U	2916353	Non-haz contaminated soil	Clean Earth of New Castle	3578609	30.49	1:39:10 PM
1097	5/20/2024	243020052	25-AU872D	2916347	Non-haz contaminated soil	Clean Earth of New Castle	3578616	27.06	1:41:30 PM
1098	5/20/2024	243020052	51-AU674Y	2916349	Non-haz contaminated soil	Clean Earth of New Castle	3578618	28.47	1:42:28 PM
1099	5/20/2024	243020052	75-AY577F	2916361	Non-haz contaminated soil	Clean Earth of New Castle	3578648	26.21	1:48:16 PM
1100	5/20/2024	243020052	15-AU674Y	2916350	Non-haz contaminated soil	Clean Earth of New Castle	3578652	24.62	1:50:30 PM
1101	5/20/2024	243020052	71-AX595U	2916348	Non-haz contaminated soil	Clean Earth of New Castle	3578779	29.37	1:58:20 PM
1102	5/20/2024	243020052	68-AX210R	2916342	Non-haz contaminated soil	Clean Earth of New Castle	3578793	33.04	2:05:21 PM
1103	5/20/2024	243020052	06-AS412T	2916343	Non-haz contaminated soil	Clean Earth of New Castle	3578809	31.24	2:06:56 PM
1104	5/20/2024	243020052	77-AY760V	2916355	Non-haz contaminated soil	Clean Earth of New Castle	3578821	26.31	2:13:19 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1105	5/20/2024	243030008	07-AZ370A	2925190	Non-haz contaminated soil	Clean Earth of Bethlehem	3578845	33.38	2:16:07 PM
1106	5/20/2024	243030008	03-AY553W	2925188	Non-haz contaminated soil	Clean Earth of Bethlehem	3578848	29.96	2:17:53 PM
1107	5/20/2024	243020052	09-AS463U	2916345	Non-haz contaminated soil	Clean Earth of New Castle	3578850	22.91	2:20:09 PM
1108	5/20/2024	243020052	27-AU873D	2916346	Non-haz contaminated soil	Clean Earth of New Castle	3578857	25.96	2:22:26 PM
1109	5/20/2024	243020052	69-AX312S	2916344	Non-haz contaminated soil	Clean Earth of New Castle	3578868	31.29	2:25:21 PM
1110	5/20/2024	243030008	14-AW191T	3029059	Non-haz contaminated soil	Clean Earth of Bethlehem	3579051	30.33	2:37:59 PM
1111	5/20/2024	243030008	59-AW919X	2925192	Non-haz contaminated soil	Clean Earth of Bethlehem	3579054	31.08	2:40:16 PM
1112	5/20/2024	243030008	04-AX436X	2925186	Non-haz contaminated soil	Clean Earth of Bethlehem	3579061	30.59	2:42:22 PM
1113	5/20/2024	243030008	08-AY975M	2925189	Non-haz contaminated soil	Clean Earth of Bethlehem	3579066	37.65	2:44:31 PM
1114	5/20/2024	243030008	73-AY186A	2925193	Non-haz contaminated soil	Clean Earth of Bethlehem	3579095	34.31	2:46:37 PM
1115	5/20/2024	243030008	02-AY694C	2925184	Non-haz contaminated soil	Clean Earth of Bethlehem	3579098	28.26	2:48:41 PM
1116	5/20/2024	243020052	58-AW918X	2916341	Non-haz contaminated soil	Clean Earth of New Castle	3579100	27.02	2:48:58 PM
1117	5/20/2024	243030008	06-AX916L	2925187	Non-haz contaminated soil	Clean Earth of Bethlehem	3579172	32.45	3:00:40 PM
1118	5/20/2024	243030008	39-AU522N	3029058	Non-haz contaminated soil	Clean Earth of Bethlehem	3579173	33.25	3:02:41 PM
1119	5/20/2024	243030008	01-AY769Z	2925195	Non-haz contaminated soil	Clean Earth of Bethlehem	3579178	32.9	3:05:19 PM
1120	5/20/2024	243030008	32-AU741H	2925191	Non-haz contaminated soil	Clean Earth of Bethlehem	3579206	25.19	3:09:59 PM
1121	5/20/2024	243030008	AU520N	2925194	Non-haz contaminated soil	Clean Earth of Bethlehem	3579214	33.83	3:13:48 PM
1122	5/20/2024	243030008	09-AX378P	2925185	Non-haz contaminated soil	Clean Earth of Bethlehem	3579325	36.65	3:28:03 PM
1123	5/20/2024	243030008	38-AU915N	2925196	Non-haz contaminated soil	Clean Earth of Bethlehem	3579384	32.1	3:42:51 PM
1124	5/21/2024	243020052	75-AY577F	2916335	Non-haz contaminated soil	Clean Earth of New Castle	3572421	26.39	10:31:27 AM
1125	5/21/2024	243020052	03-AT515L	2916338	Non-haz contaminated soil	Clean Earth of New Castle	3582259	27.89	11:02:15 AM
1126	5/21/2024	243020052	19-AT879N	2916336	Non-haz contaminated soil	Clean Earth of New Castle	3582273	24.56	11:05:21 AM
1127	5/21/2024	243020052	55-AW711R	2916337	Non-haz contaminated soil	Clean Earth of New Castle	3582298	23.06	11:06:54 AM
1128	5/21/2024	243020052	41-AU427R	2916339	Non-haz contaminated soil	Clean Earth of New Castle	3582304	27.58	11:08:29 AM
1129	5/21/2024	243020052	NJ - AS462U	2916334	Non-haz contaminated soil	Clean Earth of New Castle	3582340	27.75	11:15:53 AM
1130	5/21/2024	243020052	17-AT517L	2916340	Non-haz contaminated soil	Clean Earth of New Castle	3582355	28.55	11:18:02 AM
1131	5/21/2024	243020052	39-AU522N	2916331	Non-haz contaminated soil	Clean Earth of New Castle	3582447	26.09	11:37:25 AM
1132	5/21/2024	243100018	04-AW869D	3044218	Non-haz contaminated soil	Clean Earth of Philadelphia	3576910	23.98	11:41:39 AM
1133	5/21/2024	243020052	NJ - AU520N	2916330	Non-haz contaminated soil	Clean Earth of New Castle	3582502	29.31	11:42:44 AM
1134	5/21/2024	243020052	09-AS463U	2916333	Non-haz contaminated soil	Clean Earth of New Castle	3582556	25.54	11:50:53 AM
1135	5/21/2024	243020052	10-AS461U	2916332	Non-haz contaminated soil	Clean Earth of New Castle	3582560	22.28	11:52:36 AM
1136	5/21/2024	243020052	NJ-AY186A	2916329	Non-haz contaminated soil	Clean Earth of New Castle	3582683	29.41	12:06:26 PM
1137	5/22/2024	243030008	11-AX990F	3029160	Non-haz contaminated soil	Clean Earth of Bethlehem	3593874	27.84	2:33:26 PM
1138	5/24/2024	243030008	03-AY511B	2925197	Non-haz contaminated soil	Clean Earth of Bethlehem	3581500	31.79	9:55:10 AM
1139	5/24/2024	243030008	5461-AY675X	2925198	Non-haz contaminated soil	Clean Earth of Bethlehem	3602852	30.4	9:57:07 AM
1140	5/24/2024	243030008	06-AX916L	2925200	Non-haz contaminated soil	Clean Earth of Bethlehem	3602860	33.56	10:00:56 AM
1141	5/24/2024	243030008	12-AY791A	2925199	Non-haz contaminated soil	Clean Earth of Bethlehem	3602863	33.02	10:03:18 AM
1142	5/24/2024	243030008	07-AZ370A	2925209	Non-haz contaminated soil	Clean Earth of Bethlehem	3602869	32.23	10:05:17 AM
1143	5/24/2024	243030008	12-AW421G	2925205	Non-haz contaminated soil	Clean Earth of Bethlehem	3602885	30.09	10:10:53 AM
1144	5/24/2024	243030008	01-AY607Y	2925204	Non-haz contaminated soil	Clean Earth of Bethlehem	3602891	31.85	10:13:34 AM
1145	5/24/2024	243030008	08-AY584R	2925206	Non-haz contaminated soil	Clean Earth of Bethlehem	3602904	30.94	10:18:00 AM
1146	5/24/2024	243030008	03-AY762R	2925207	Non-haz contaminated soil	Clean Earth of Bethlehem	3602916	30.25	10:22:37 AM
1147	5/24/2024	243030008	79-AW570M	2925202	Non-haz contaminated soil	Clean Earth of Bethlehem	3602934	31.15	10:30:14 AM
1148	5/24/2024	243030008	21-AZ639A	2925208	Non-haz contaminated soil	Clean Earth of Bethlehem	3602940	31.52	10:33:18 AM
1149	5/24/2024	243030008	03-AX462J	2925201	Non-haz contaminated soil	Clean Earth of Bethlehem	3602947	30.58	10:39:23 AM
1150	5/24/2024	243020052	17-AT517L	2916326	Non-haz contaminated soil	Clean Earth of New Castle	3572423	22.36	10:47:01 AM
1151	5/24/2024	243020052	50-AU330Y	2916327	Non-haz contaminated soil	Clean Earth of New Castle	3602964	21.84	10:47:59 AM
1152	5/24/2024	243020052	11 - AS462U	2916328	Non-haz contaminated soil	Clean Earth of New Castle	3602965	26.54	10:48:34 AM
1153	5/24/2024	243020052	42 - AU273U	2916325	Non-haz contaminated soil	Clean Earth of New Castle	3602973	23.64	10:54:05 AM
1154	5/24/2024	243030008	13-AY495T	2925203	Non-haz contaminated soil	Clean Earth of Bethlehem	3602974	29.93	10:54:10 AM
1155	5/24/2024	243030008	08-AZ371A	2925210	Non-haz contaminated soil	Clean Earth of Bethlehem	3603006	32.47	11:03:24 AM
1156	5/24/2024	243020052	15 - AU371W	2916324	Non-haz contaminated soil	Clean Earth of New Castle	3603009	24.31	11:03:43 AM
1157	5/24/2024	243020052	28 - AU995D	2916323	Non-haz contaminated soil	Clean Earth of New Castle	3603012	24.95	11:05:24 AM
1158	5/24/2024	243020052	69-AX312S	2916322	Non-haz contaminated soil	Clean Earth of New Castle	3603087	23.46	11:22:49 AM
1159	5/24/2024	243030008	08-AU514L	2925214	Non-haz contaminated soil	Clean Earth of Bethlehem	3603113	33.05	11:27:48 AM
1160	5/24/2024	243030008	06-AX248Z	2925215	Non-haz contaminated soil	Clean Earth of Bethlehem	3603157	33.23	11:37:16 AM
1161	5/24/2024	243030008	06-AY664G	2925216	Non-haz contaminated soil	Clean Earth of Bethlehem	3603170	32.89	11:39:47 AM
1162	5/24/2024	243030008	04-AX917D	2925211	Non-haz contaminated soil	Clean Earth of Bethlehem	3603177	36.33	11:42:10 AM
1163	5/24/2024	243020052	07 - Aw559L	2916318	Non-haz contaminated soil	Clean Earth of New Castle	3603178	28.04	11:42:21 AM
1164	5/24/2024	243030008	01-AX680W	2925212	Non-haz contaminated soil	Clean Earth of Bethlehem	3603200	36.78	11:47:08 AM
1165	5/24/2024	243020052	36 - AU436J	2916314	Non-haz contaminated soil	Clean Earth of New Castle	3603201	28.25	11:47:32 AM
1166	5/24/2024	243020052	01 - AU706U	2916317	Non-haz contaminated soil	Clean Earth of New Castle	3603205	24.05	11:49:27 AM
1167	5/24/2024	243020052	09 - AS463U	2916321	Non-haz contaminated soil	Clean Earth of New Castle	3603211	21.93	11:51:09 AM
1168	5/24/2024	243020052	10 - AS461U	2916320	Non-haz contaminated soil	Clean Earth of New Castle	3603214	22.91	11:52:41 AM
1169	5/24/2024	243020052	03 - AT515L	2916319	Non-haz contaminated soil	Clean Earth of New Castle	3603218	23.23	11:53:58 AM
1170	5/24/2024	243020052	41 - AU427R	2916313	Non-haz contaminated soil	Clean Earth of New Castle	3603226	23.04	11:55:37 AM
1171	5/24/2024	243020052	55 - AW711R	2916312	Non-haz contaminated soil	Clean Earth of New Castle	3603282	22.02	12:01:30 PM
1172	5/24/2024	243020052	73-AY186A	2916310	Non-haz contaminated soil	Clean Earth of New Castle	3603284	26.22	12:02:33 PM
1173	5/24/2024	243020052	19 - AT879N	2916311	Non-haz contaminated soil	Clean Earth of New Castle	3603287	23.22	12:04:07 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1174	5/24/2024	243030008	01-AS420W	2925213	Non-haz contaminated soil	Clean Earth of Bethlehem	3603308	31.74	12:07:27 PM
1175	5/24/2024	243030008	13-AY903R	2925218	Non-haz contaminated soil	Clean Earth of Bethlehem	3603312	35.91	12:09:37 PM
1176	5/24/2024	243020052	31 - Au740H	2916309	Non-haz contaminated soil	Clean Earth of New Castle	3603314	24.16	12:10:31 PM
1177	5/24/2024	243030008	03-AY998C	2925217	Non-haz contaminated soil	Clean Earth of Bethlehem	3603478	37.57	12:15:03 PM
1178	5/24/2024	243020052	AU435F	2916315	Non-haz contaminated soil	Clean Earth of New Castle	3603488	26.69	12:17:18 PM
1179	5/24/2024	243030008	28-AY671U	2925223	Non-haz contaminated soil	Clean Earth of Bethlehem	3603495	34.78	12:19:19 PM
1180	5/24/2024	243020052	44 - Au825V	2916316	Non-haz contaminated soil	Clean Earth of New Castle	3603503	26.2	12:23:23 PM
1181	5/24/2024	243020052	32 - AU741H	2916308	Non-haz contaminated soil	Clean Earth of New Castle	3603594	27.33	12:47:40 PM
1182	5/24/2024	243030008	11-AZ374A	2925221	Non-haz contaminated soil	Clean Earth of Bethlehem	3603602	30.48	12:48:45 PM
1183	5/24/2024	243030008	04-AX177N	2925219	Non-haz contaminated soil	Clean Earth of Bethlehem	3603608	33.61	12:52:46 PM
1184	5/24/2024	243030008	03-AY553W	2925220	Non-haz contaminated soil	Clean Earth of Bethlehem	3603658	37.78	12:57:03 PM
1185	5/24/2024	243020052	04 - AW859D	2916307	Non-haz contaminated soil	Clean Earth of New Castle	3603789	23.43	1:35:31 PM
1186	5/24/2024	243020052	46 - AW393Y	2916305	Non-haz contaminated soil	Clean Earth of New Castle	3603799	20.89	1:37:07 PM
1187	5/24/2024	243030008	01 - AY869L	2925222	Non-haz contaminated soil	Clean Earth of Bethlehem	3603806	29.22	1:39:11 PM
1188	5/24/2024	243020052	NJ - AW857D	2916304	Non-haz contaminated soil	Clean Earth of New Castle	3603826	24.27	1:42:16 PM
1189	5/24/2024	243030008	05-AU260R	2925224	Non-haz contaminated soil	Clean Earth of Bethlehem	3603842	35.9	1:46:28 PM
1190	5/24/2024	243020052	40 - AU426R	2916303	Non-haz contaminated soil	Clean Earth of New Castle	3603850	23.94	1:48:47 PM
1191	5/24/2024	243020052	68-AX210R	2916290	Non-haz contaminated soil	Clean Earth of New Castle	3603857	23.68	1:50:44 PM
1192	5/24/2024	243020052	43 - AU707U	2916306	Non-haz contaminated soil	Clean Earth of New Castle	3603873	22.48	1:57:57 PM
1193	5/24/2024	243030008	03 - AU762G	2925226	Non-haz contaminated soil	Clean Earth of Bethlehem	3603903	33.99	2:13:28 PM
1194	5/24/2024	243030008	01 - AU983W	2925225	Non-haz contaminated soil	Clean Earth of Bethlehem	3603913	31.07	2:17:48 PM
1195	5/24/2024	243020052	27 - AU873D	2916291	Non-haz contaminated soil	Clean Earth of New Castle	3603930	21.8	2:23:08 PM
1196	5/24/2024	243020052	20 - AT880N	2916292	Non-haz contaminated soil	Clean Earth of New Castle	3603937	24.33	2:28:35 PM
1197	5/24/2024	243030008	05-AY117M	2925229	Non-haz contaminated soil	Clean Earth of Bethlehem	3604054	32.1	2:51:35 PM
1198	5/24/2024	243030008	17-AY672N	2925227	Non-haz contaminated soil	Clean Earth of Bethlehem	3604237	31.8	3:03:19 PM
1199	5/24/2024	243030008	06-AY955C	2925230	Non-haz contaminated soil	Clean Earth of Bethlehem	3604311	31.98	3:05:48 PM
1200	5/24/2024	243030008	02-AY825A	2925228	Non-haz contaminated soil	Clean Earth of Bethlehem	3604371	34.31	3:18:53 PM
1201	5/28/2024	243020052	AS 500Y	2916300	Non-haz contaminated soil	Clean Earth of New Castle	3603891	27.29	7:08:38 AM
1202	5/28/2024	243020052	18 - AT878N	2916298	Non-haz contaminated soil	Clean Earth of New Castle	3605813	27.91	7:09:51 AM
1203	5/28/2024	243020052	33 - AU742H	2916302	Non-haz contaminated soil	Clean Earth of New Castle	3605821	28.76	7:16:49 AM
1204	5/28/2024	243020052	57 - AW672S	2916297	Non-haz contaminated soil	Clean Earth of New Castle	3605827	25.82	7:18:53 AM
1205	5/28/2024	243020052	71-AX595U	2916301	Non-haz contaminated soil	Clean Earth of New Castle	3605832	30.56	7:21:17 AM
1206	5/28/2024	243020052	53 - AW562C	2916299	Non-haz contaminated soil	Clean Earth of New Castle	3605903	26.35	7:48:44 AM
1207	5/28/2024	243030008	343-AW858D	3029100	Non-haz contaminated soil	Clean Earth of Bethlehem	3605811	25.01	7:55:20 AM
1208	5/29/2024	2430816967	40-AZ609A	018007872fle	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		20.71	11:12:00 AM
1209	5/29/2024	243020052	75-AY577F	2916293	Non-haz contaminated soil	Clean Earth of New Castle	3599706	24.04	10:05:44 AM
1210	5/29/2024	243020052	17 - AT517L	2916294	Non-haz contaminated soil	Clean Earth of New Castle	3610235	24.37	10:18:43 AM
1211	5/29/2024	243020052	41 - AU427R	2916295	Non-haz contaminated soil	Clean Earth of New Castle	3610239	21.89	10:20:23 AM
1212	5/29/2024	243030008	24-AU100F	2925237	Non-haz contaminated soil	Clean Earth of Bethlehem	3599704	30.05	10:32:52 AM
1213	5/29/2024	243030008	20-AY792A	2925286	Non-haz contaminated soil	Clean Earth of Bethlehem	3610323	29.29	10:41:40 AM
1214	5/29/2024	243030008	02-AY183C	2925231	Non-haz contaminated soil	Clean Earth of Bethlehem	3610344	30.75	10:43:47 AM
1215	5/29/2024	243020052	50-AU330Y	2916221	Non-haz contaminated soil	Clean Earth of New Castle	3610383	24.09	10:48:50 AM
1216	5/29/2024	243030008	10-AY772L	2925235	Non-haz contaminated soil	Clean Earth of Bethlehem	3610386	29.6	10:49:44 AM
1217	5/29/2024	243020052	343-AW858D	2916222	Non-haz contaminated soil	Clean Earth of New Castle	3610390	24.75	10:50:47 AM
1218	5/29/2024	243030008	5461-AY675X	2925240	Non-haz contaminated soil	Clean Earth of Bethlehem	3610397	29.9	10:53:47 AM
1219	5/29/2024	243020052	39 - AU522N	2916296	Non-haz contaminated soil	Clean Earth of New Castle	3610413	24.55	10:55:33 AM
1220	5/29/2024	243030008	12-AW421C	2925232	Non-haz contaminated soil	Clean Earth of Bethlehem	3610451	30.18	10:57:57 AM
1221	5/29/2024	243030008	5460-AS921P	2925239	Non-haz contaminated soil	Clean Earth of Bethlehem	3610485	28.34	11:01:58 AM
1222	5/29/2024	243020052	77-AY760V	2916223	Non-haz contaminated soil	Clean Earth of New Castle	3610488	21.39	11:01:59 AM
1223	5/29/2024	243030008	13-AY495T	2925238	Non-haz contaminated soil	Clean Earth of Bethlehem	3610643	29.32	11:07:48 AM
1224	5/29/2024	243020052	NJ - AS462U	2916224	Non-haz contaminated soil	Clean Earth of New Castle	3610650	23.07	11:09:15 AM
1225	5/29/2024	2430816967	22-AX121P	018007873fle	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		20.95	11:10:00 AM
1226	5/29/2024	243030008	78-AW570M	2925233	Non-haz contaminated soil	Clean Earth of Bethlehem	3610676	31.45	11:13:31 AM
1227	5/29/2024	243030008	84-AY659A	2925285	Non-haz contaminated soil	Clean Earth of Bethlehem	3610702	32.36	11:19:10 AM
1228	5/29/2024	243020052	36 - AU436J	2916226	Non-haz contaminated soil	Clean Earth of New Castle	3610714	31.91	11:21:33 AM
1229	5/29/2024	243030008	12-AY791A	2925284	Non-haz contaminated soil	Clean Earth of Bethlehem	3610750	32.73	11:29:41 AM
1230	5/29/2024	243020052	34 - AU435J	2916225	Non-haz contaminated soil	Clean Earth of New Castle	3610751	23.14	11:30:54 AM
1231	5/29/2024	243020052	73 - AY186A	2916227	Non-haz contaminated soil	Clean Earth of New Castle	3610881	27.29	11:57:36 AM
1232	5/29/2024	243030008	10-AX148Y	2925283	Non-haz contaminated soil	Clean Earth of Bethlehem	3610896	31.91	12:04:49 PM
1233	5/29/2024	243030008	02-AW919J	2925281	Non-haz contaminated soil	Clean Earth of Bethlehem	3610916	30.33	12:07:10 PM
1234	5/29/2024	243030008	22-AU160X	2925282	Non-haz contaminated soil	Clean Earth of Bethlehem	3610928	32.42	12:09:22 PM
1235	5/29/2024	243020052	05 - AU260R	2916229	Non-haz contaminated soil	Clean Earth of New Castle	3611054	28.71	12:43:09 PM
1236	5/29/2024	243020052	NJ-AS420W	2916228	Non-haz contaminated soil	Clean Earth of New Castle	3611058	27.13	12:44:43 PM
1237	5/29/2024	2430816966	53-AY511R	018008492FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		21.71	12:51:47 PM
1238	5/29/2024	2430816966	32-AY591M	018008491FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		21.45	1:03:45 PM
1239	5/29/2024	243030008	01-AU983W	2925279	Non-haz contaminated soil	Clean Earth of Bethlehem	3611242	29.21	1:19:30 PM
1240	5/29/2024	243020052	14 - AT693C	2916230	Non-haz contaminated soil	Clean Earth of New Castle	3611244	21.01	1:21:41 PM
1241	5/29/2024	243020052	11-AY460R	2916231	Non-haz contaminated soil	Clean Earth of New Castle	3611280	22.25	1:33:27 PM
1242	5/29/2024	243030008	03-AU762G	2925280	Non-haz contaminated soil	Clean Earth of Bethlehem	3611304	28.03	1:36:26 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1243	5/29/2024	243020052	06-AY375R	2916238	Non-haz contaminated soil	Clean Earth of New Castle	3611314	26.03	1:39:35 PM
1244	5/29/2024	2430816246	23-AX122P	018008505FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		20.89	1:41:00 PM
1245	5/29/2024	243020052	07-AZ370A	2916237	Non-haz contaminated soil	Clean Earth of New Castle	3611326	27.22	1:43:45 PM
1246	5/29/2024	243030008	06-AY955C	2925278	Non-haz contaminated soil	Clean Earth of Bethlehem	3611348	29.87	1:46:38 PM
1247	5/29/2024	243020052	09-AZ372A	2916241	Non-haz contaminated soil	Clean Earth of New Castle	3611438	29.23	1:56:58 PM
1248	5/29/2024	243020052	04-AW859D	2916234	Non-haz contaminated soil	Clean Earth of New Castle	3611441	25.1	1:58:21 PM
1249	5/29/2024	243020052	20-AT880N	2916235	Non-haz contaminated soil	Clean Earth of New Castle	3611444	25.28	1:59:50 PM
1250	5/29/2024	243030008	08-AY847K	2925276	Non-haz contaminated soil	Clean Earth of Bethlehem	3611451	30.19	2:00:53 PM
1251	5/29/2024	243020052	31-Au740H	2916236	Non-haz contaminated soil	Clean Earth of New Castle	3611456	24.39	2:03:15 PM
1252	5/29/2024	243030008	09-AX378P	2925275	Non-haz contaminated soil	Clean Earth of Bethlehem	3611461	34.58	2:04:13 PM
1253	5/29/2024	243030008	04-AW215P	2925277	Non-haz contaminated soil	Clean Earth of Bethlehem	3611487	31.76	2:09:54 PM
1254	5/29/2024	243020052	23-AU714R	2916243	Non-haz contaminated soil	Clean Earth of New Castle	3611491	29.83	2:13:14 PM
1255	5/29/2024	243020052	29-AU435F	2916239	Non-haz contaminated soil	Clean Earth of New Castle	3611510	22.42	2:16:15 PM
1256	5/29/2024	243020052	51-AU674Y	2916233	Non-haz contaminated soil	Clean Earth of New Castle	3611532	23.42	2:25:45 PM
1257	5/29/2024	243020052	32-AU741H	2916232	Non-haz contaminated soil	Clean Earth of New Castle	3611542	25.13	2:27:35 PM
1258	5/29/2024	243020052	38-AU915N	2916240	Non-haz contaminated soil	Clean Earth of New Castle	3611555	23.82	2:29:45 PM
1259	5/29/2024	243020052	59-AW919X	2916245	Non-haz contaminated soil	Clean Earth of New Castle	3611562	28.64	2:33:52 PM
1260	5/29/2024	243030008	777-AY856K	2925236	Non-haz contaminated soil	Clean Earth of Bethlehem	3611578	33.97	2:36:31 PM
1261	5/29/2024	243020052	68-AX210R	2916242	Non-haz contaminated soil	Clean Earth of New Castle	3611582	27.85	2:37:35 PM
1262	5/29/2024	243020052	18-AT878N	2916244	Non-haz contaminated soil	Clean Earth of New Castle	3611586	20.76	2:41:58 PM
1263	5/29/2024	243030008	06-AX916L	2925274	Non-haz contaminated soil	Clean Earth of Bethlehem	3611962	34.43	3:25:03 PM
1264	5/29/2024	243030008	11-AY976M	2925272	Non-haz contaminated soil	Clean Earth of Bethlehem	3612019	36.43	3:43:39 PM
1265	5/29/2024	243030008	03-AY511B	2925271	Non-haz contaminated soil	Clean Earth of Bethlehem	3612033	37.16	3:46:04 PM
1266	5/29/2024	243020052	52 - AW840A	2916248	Non-haz contaminated soil	Clean Earth of New Castle	3612038	24.58	3:49:54 PM
1267	5/29/2024	243020052	08-AW770P	2916247	Non-haz contaminated soil	Clean Earth of New Castle	3612040	25.2	3:53:10 PM
1268	5/29/2024	243020052	03-AX177N	2916246	Non-haz contaminated soil	Clean Earth of New Castle	3612102	23.44	4:00:13 PM
1269	5/29/2024	243030008	03-AY999C	2925270	Non-haz contaminated soil	Clean Earth of Bethlehem	3612104	34.35	4:00:22 PM
1270	5/29/2024	243030008	01-AX680W	2925267	Non-haz contaminated soil	Clean Earth of Bethlehem	3612146	34.36	4:25:34 PM
1271	5/30/2024	243030008	10-AS461U	2925263	Non-haz contaminated soil	Clean Earth of Bethlehem	3609513	33.6	7:01:16 AM
1272	5/30/2024	243030008	15-AW249S	2925269	Non-haz contaminated soil	Clean Earth of Bethlehem	3613951	29.09	7:04:29 AM
1273	5/30/2024	243030008	08-AY584R	2925264	Non-haz contaminated soil	Clean Earth of Bethlehem	3613963	32.64	7:07:30 AM
1274	5/30/2024	243030008	14-AY400Z	2925268	Non-haz contaminated soil	Clean Earth of Bethlehem	3613964	33.87	7:09:47 AM
1275	5/30/2024	243030008	11-AW251J	2925266	Non-haz contaminated soil	Clean Earth of Bethlehem	3613968	33.57	7:12:37 AM
1276	5/30/2024	243030008	03-AW106R	2925265	Non-haz contaminated soil	Clean Earth of Bethlehem	3613993	32.8	7:14:56 AM
1277	5/30/2024	243020052	03 - AT515L	2916253	Non-haz contaminated soil	Clean Earth of New Castle	3609515	34.08	7:50:53 AM
1278	5/30/2024	243020052	AW918X	2916255	Non-haz contaminated soil	Clean Earth of New Castle	3614092	26	7:52:16 AM
1279	5/30/2024	243020052	69-AX312S	2916249	Non-haz contaminated soil	Clean Earth of New Castle	3614105	27.54	7:54:02 AM
1280	5/30/2024	243020052	12 - AW857D	2916254	Non-haz contaminated soil	Clean Earth of New Castle	3614129	24.49	7:56:25 AM
1281	5/30/2024	243020052	13-AS500Y	2916256	Non-haz contaminated soil	Clean Earth of New Castle	3614132	29.68	7:57:53 AM
1282	5/30/2024	243020052	29-AY902M	2916250	Non-haz contaminated soil	Clean Earth of New Castle	3614136	28.28	7:59:09 AM
1283	5/30/2024	243020052	13-AY903R	2916252	Non-haz contaminated soil	Clean Earth of New Castle	3614140	32.9	8:00:14 AM
1284	5/30/2024	243020052	28-AY671U	2916251	Non-haz contaminated soil	Clean Earth of New Castle	3614142	30.81	8:01:43 AM
1285	5/30/2024	243030008	17-AT517L	2925262	Non-haz contaminated soil	Clean Earth of Bethlehem	3614514	28.7	9:49:58 AM
1286	5/30/2024	243030008	5460-AS921P	2925288	Non-haz contaminated soil	Clean Earth of Bethlehem	3614570	31.71	10:05:53 AM
1287	5/30/2024	243030008	5461-AY675X	2925289	Non-haz contaminated soil	Clean Earth of Bethlehem	3614600	32.22	10:12:05 AM
1288	5/30/2024	243030008	02-AY183C	2925291	Non-haz contaminated soil	Clean Earth of Bethlehem	3614618	35.01	10:20:07 AM
1289	5/30/2024	243030008	20-AY792A	2925292	Non-haz contaminated soil	Clean Earth of Bethlehem	3614622	33.64	10:22:01 AM
1290	5/30/2024	243030008	12-AW421C	2925293	Non-haz contaminated soil	Clean Earth of Bethlehem	3614631	31.9	10:23:57 AM
1291	5/30/2024	243030008	42-AU273U	2925294	Non-haz contaminated soil	Clean Earth of Bethlehem	3614656	26.59	10:29:32 AM
1292	5/30/2024	243030008	11-AS462U	2925296	Non-haz contaminated soil	Clean Earth of Bethlehem	3614666	32.82	10:34:35 AM
1293	5/30/2024	243030008	73-AY186A	2925298	Non-haz contaminated soil	Clean Earth of Bethlehem	3614690	32.02	10:41:22 AM
1294	5/30/2024	243030008	34-AU435J	2925297	Non-haz contaminated soil	Clean Earth of Bethlehem	3614696	26.91	10:43:35 AM
1295	5/30/2024	243030008	55-AW711R	2925295	Non-haz contaminated soil	Clean Earth of Bethlehem	3614706	27.53	10:45:35 AM
1296	5/30/2024	243030008	57-AW672S	2925300	Non-haz contaminated soil	Clean Earth of Bethlehem	3614718	28.89	10:47:35 AM
1297	5/30/2024	243020052	10-AZ3763A	2916257	Non-haz contaminated soil	Clean Earth of New Castle	3614725	32.01	10:49:24 AM
1298	5/30/2024	243030008	12-AY791A	2925299	Non-haz contaminated soil	Clean Earth of Bethlehem	3614726	29.23	10:49:50 AM
1299	5/30/2024	243030008	08-AY975M	2925273	Non-haz contaminated soil	Clean Earth of Bethlehem	3614732	35.74	10:52:34 AM
1300	5/30/2024	243030008	44-AU825U	2925301	Non-haz contaminated soil	Clean Earth of Bethlehem	3614792	26.85	10:57:27 AM
1301	5/30/2024	243030008	30-AX946X	2925154	Non-haz contaminated soil	Clean Earth of Bethlehem	3614844	28.51	11:12:44 AM
1302	5/30/2024	243030008	29-AU435F	2925155	Non-haz contaminated soil	Clean Earth of Bethlehem	3614847	32.34	11:15:29 AM
1303	5/30/2024	243030008	03-AY659A	2925157	Non-haz contaminated soil	Clean Earth of Bethlehem	3614864	33.63	11:17:40 AM
1304	5/30/2024	243030008	AU520N	2925302	Non-haz contaminated soil	Clean Earth of Bethlehem	3614867	34.96	11:19:32 AM
1305	5/30/2024	243030008	33-AW670S	2925158	Non-haz contaminated soil	Clean Earth of Bethlehem	3614885	35	11:25:21 AM
1306	5/30/2024	243020052	02-AU927B	2916258	Non-haz contaminated soil	Clean Earth of New Castle	3614891	26.67	11:25:49 AM
1307	5/30/2024	243030008	01-AU983W	2925303	Non-haz contaminated soil	Clean Earth of Bethlehem	3614898	28.91	11:27:32 AM
1308	5/30/2024	243030008	41-AU427R	2925287	Non-haz contaminated soil	Clean Earth of Bethlehem	3614905	31.51	11:29:27 AM
1309	5/30/2024	243020052	05-AU260R	2916260	Non-haz contaminated soil	Clean Earth of New Castle	3614927	29.99	11:37:04 AM
1310	5/30/2024	243030008	46-AX955P	2925159	Non-haz contaminated soil	Clean Earth of Bethlehem	3614936	30.9	11:40:11 AM
1311	5/30/2024	243030008	43-AU707U	2925156	Non-haz contaminated soil	Clean Earth of Bethlehem	3614944	25.26	11:43:25 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1312	5/30/2024	243020052	01-AS420W	2916259	Non-haz contaminated soil	Clean Earth of New Castle	3614959	29.56	11:46:05 AM
1313	5/30/2024	243020052	28-AY671U	2916264	Non-haz contaminated soil	Clean Earth of New Castle	3614968	31.87	11:49:29 AM
1314	5/30/2024	243020052	13-AY903R	2916263	Non-haz contaminated soil	Clean Earth of New Castle	3614975	34.71	11:51:56 AM
1315	5/30/2024	243030008	53-AW562C	2925261	Non-haz contaminated soil	Clean Earth of Bethlehem	3614981	37.02	11:53:41 AM
1316	5/30/2024	243020052	04-AX917D	2916261	Non-haz contaminated soil	Clean Earth of New Castle	3615043	35.23	11:57:07 AM
1317	5/30/2024	243020052	07-AY998C	2916262	Non-haz contaminated soil	Clean Earth of New Castle	3615092	34.81	12:08:16 PM
1318	5/30/2024	243030008	07-AY215L	2925260	Non-haz contaminated soil	Clean Earth of Bethlehem	3615102	31.8	12:10:49 PM
1319	5/30/2024	243020052	29-AY902M	2916266	Non-haz contaminated soil	Clean Earth of New Castle	3615236	32.03	12:55:02 PM
1320	5/30/2024	243030008	03-AY553W	2925259	Non-haz contaminated soil	Clean Earth of Bethlehem	3615302	35.84	1:00:04 PM
1321	5/30/2024	243030008	08-AU514L	2925290	Non-haz contaminated soil	Clean Earth of Bethlehem	3615309	34.48	1:03:24 PM
1322	5/30/2024	243020052	11-AY460R	2916265	Non-haz contaminated soil	Clean Earth of New Castle	3615343	30.8	1:12:33 PM
1323	5/30/2024	243030008	09-AW118J	2925258	Non-haz contaminated soil	Clean Earth of Bethlehem	3615457	29.01	1:39:00 PM
1324	5/30/2024	243030008	03-AU762G	2925257	Non-haz contaminated soil	Clean Earth of Bethlehem	3616267	29.92	3:06:24 PM
1325	5/30/2024	243030008	78-AW570M	2925256	Non-haz contaminated soil	Clean Earth of Bethlehem	3616357	29.13	3:51:51 PM
1326	5/31/2024	243030008	64-AS416T	2925183	Non-haz contaminated soil	Clean Earth of Bethlehem	3614630	30.54	10:27:40 AM
1327	5/31/2024	243030008	5460-AS921P	2925182	Non-haz contaminated soil	Clean Earth of Bethlehem	3618866	32.67	10:29:46 AM
1328	5/31/2024	243030008	03-AY675X	2925181	Non-haz contaminated soil	Clean Earth of Bethlehem	3618876	34.02	10:32:08 AM
1329	5/31/2024	243030008	01-AS420W	2925178	Non-haz contaminated soil	Clean Earth of Bethlehem	3618964	34.69	10:47:37 AM
1330	5/31/2024	243030008	72-AW432C	2925180	Non-haz contaminated soil	Clean Earth of Bethlehem	3618970	31.81	10:49:57 AM
1331	5/31/2024	243030008	08-AY297X	2925177	Non-haz contaminated soil	Clean Earth of Bethlehem	3619063	31.16	11:09:59 AM
1332	5/31/2024	243030008	05-AY391G	2925173	Non-haz contaminated soil	Clean Earth of Bethlehem	3619115	31.8	11:25:15 AM
1333	5/31/2024	243030008	01-AX845D	2925179	Non-haz contaminated soil	Clean Earth of Bethlehem	3619166	33.14	11:38:28 AM
1334	5/31/2024	243030008	03-AZ374A	2925176	Non-haz contaminated soil	Clean Earth of Bethlehem	3619313	34.27	12:16:50 PM
1335	5/31/2024	243030008	04-AX177N	2925175	Non-haz contaminated soil	Clean Earth of Bethlehem	3619315	31.8	12:19:15 PM
1336	5/31/2024	243030008	03-AY553W	2925170	Non-haz contaminated soil	Clean Earth of Bethlehem	3619318	31.22	12:21:41 PM
1337	5/31/2024	243030008	08-AZ371A	2925174	Non-haz contaminated soil	Clean Earth of Bethlehem	3619351	33.61	12:31:01 PM
1338	5/31/2024	243030008	06-AY375R	2925168	Non-haz contaminated soil	Clean Earth of Bethlehem	3619358	34.87	12:33:43 PM
1339	5/31/2024	243030008	05-AY460R	2925172	Non-haz contaminated soil	Clean Earth of Bethlehem	3619404	34.39	12:48:34 PM
1340	5/31/2024	243030008	11-AY436A	2925171	Non-haz contaminated soil	Clean Earth of Bethlehem	3619492	34.01	1:00:57 PM
1341	5/31/2024	243030008	13-AY774E	2925166	Non-haz contaminated soil	Clean Earth of Bethlehem	3619555	32.68	1:12:00 PM
1342	5/31/2024	243030008	07-AZ370A	2925165	Non-haz contaminated soil	Clean Earth of Bethlehem	3619731	34.5	1:59:54 PM
1343	5/31/2024	243030008	09-AZ372A	2925164	Non-haz contaminated soil	Clean Earth of Bethlehem	3619733	36.63	2:03:06 PM
1344	5/31/2024	243030008	16-AX462J	2925167	Non-haz contaminated soil	Clean Earth of Bethlehem	3619824	31.08	2:18:14 PM
1345	5/31/2024	243030008	10-AY260E	2925169	Non-haz contaminated soil	Clean Earth of Bethlehem	3619944	31.1	2:48:50 PM
1346	6/3/2024	243030008	12-AY791A	2925163	Non-haz contaminated soil	Clean Earth of Bethlehem	3618981	29.78	10:31:01 AM
1347	6/3/2024	243030008	10-AY762R	2925161	Non-haz contaminated soil	Clean Earth of Bethlehem	3622631	30.96	10:55:53 AM
1348	6/3/2024	243030008	21-AZ639A	2925160	Non-haz contaminated soil	Clean Earth of Bethlehem	3622683	31.39	11:02:54 AM
1349	6/3/2024	243030008	12-AW421C	2925003	Non-haz contaminated soil	Clean Earth of Bethlehem	3622702	30.49	11:06:05 AM
1350	6/3/2024	243030008	5461-AY675X	2925004	Non-haz contaminated soil	Clean Earth of Bethlehem	3622730	33.8	11:10:42 AM
1351	6/3/2024	243030008	78-AW570M	2925162	Non-haz contaminated soil	Clean Earth of Bethlehem	3622733	29.32	11:13:00 AM
1352	6/3/2024	243030008	5460-AS921P	2925005	Non-haz contaminated soil	Clean Earth of Bethlehem	3622764	33.13	11:18:01 AM
1353	6/3/2024	243030008	20-AY792A	2925006	Non-haz contaminated soil	Clean Earth of Bethlehem	3623029	32.79	12:16:57 PM
1354	6/4/2024	243030008	04-AX177N	2925010	Non-haz contaminated soil	Clean Earth of Bethlehem	3622198	31.36	10:53:55 AM
1355	6/4/2024	243030008	01-AS420W	2925007	Non-haz contaminated soil	Clean Earth of Bethlehem	3628987	31.56	10:56:38 AM
1356	6/4/2024	243030008	03-AY553W	2925008	Non-haz contaminated soil	Clean Earth of Bethlehem	3629004	31.51	11:02:21 AM
1357	6/4/2024	243030008	12-AZ375A	2925009	Non-haz contaminated soil	Clean Earth of Bethlehem	3629019	33.6	11:06:40 AM
1358	6/4/2024	243030008	05-AU260R	2925011	Non-haz contaminated soil	Clean Earth of Bethlehem	3629395	31.48	11:52:25 AM
1359	6/10/2024	2430816246	53-AY511R	018007871FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		24.15	10:17:00 AM
1360	6/10/2024	2430816246	39-AZ608A	018008506FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		24.39	10:25:00 AM
1361	6/10/2024	2430816246	40-AZ609A	018008507FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		26.43	10:27:00 AM
1362	6/10/2024	2430816246	26-AY325F	018008508FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		24.04	10:28:01 AM
1363	6/11/2024	243070409	48-AW643W	2909376	Non-haz contaminated soil	Clean Earth of Carteret	3645522	26.29	10:00:27 AM
1364	6/11/2024	243070409	46-AW727N	2909373	Non-haz contaminated soil	Clean Earth of Carteret	3648305	25.24	10:08:39 AM
1365	6/11/2024	243070409	57-AX229E	2909374	Non-haz contaminated soil	Clean Earth of Carteret	3648333	25.81	10:22:19 AM
1366	7/1/2024	243030008	51-AW463X	2925249	Non-haz contaminated soil	Clean Earth of Bethlehem	3701687	27.66	10:14:27 AM
1367	7/1/2024	243030008	38-AU604U	2925253	Non-haz contaminated soil	Clean Earth of Bethlehem	3708539	33.15	10:16:42 AM
1368	7/1/2024	243030008	39-AU605U	2925250	Non-haz contaminated soil	Clean Earth of Bethlehem	3708691	32.23	10:50:41 AM
1369	7/1/2024	243030008	34-AT782U	2925251	Non-haz contaminated soil	Clean Earth of Bethlehem	3708695	31.73	10:53:00 AM
1370	7/1/2024	243030008	55-AX227E	2925252	Non-haz contaminated soil	Clean Earth of Bethlehem	3708700	32.4	10:55:27 AM
1371	7/1/2024	243030008	49-AW644W	2925015	Non-haz contaminated soil	Clean Earth of Bethlehem	3708783	34.1	11:02:17 AM
1372	7/1/2024	243030008	45-AZ362B	2925246	Non-haz contaminated soil	Clean Earth of Bethlehem	3708835	33.92	11:11:55 AM
1373	7/1/2024	243030008	59-AX932K	2925017	Non-haz contaminated soil	Clean Earth of Bethlehem	3708841	31.5	11:14:14 AM
1374	7/1/2024	243030008	50-AW645W	2925016	Non-haz contaminated soil	Clean Earth of Bethlehem	3708858	32.01	11:17:07 AM
1375	7/1/2024	243030008	58-AX385K	2925018	Non-haz contaminated soil	Clean Earth of Bethlehem	3708931	33.11	11:34:55 AM
1376	7/1/2024	243030008	60-AX287W	2925019	Non-haz contaminated soil	Clean Earth of Bethlehem	3708952	32.84	11:37:03 AM
1377	7/1/2024	243030008	47-AW728N	2925248	Non-haz contaminated soil	Clean Earth of Bethlehem	3708967	33.52	11:39:21 AM
1378	7/1/2024	243030008	52-AW462X	2925247	Non-haz contaminated soil	Clean Earth of Bethlehem	3708982	33.65	11:41:33 AM
1379	7/1/2024	243030008	48-AW643W	2925242	Non-haz contaminated soil	Clean Earth of Bethlehem	3709028	33.8	11:51:00 AM
1380	7/1/2024	243030008	37-AX384K	2925241	Non-haz contaminated soil	Clean Earth of Bethlehem	3709033	34.79	11:53:25 AM

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Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1381	7/1/2024	243030008	57-AX229E	2925014	Non-haz contaminated soil	Clean Earth of Bethlehem	3709035	35.81	11:55:41 AM
1382	7/1/2024	243030008	54-AX226E	2925255	Non-haz contaminated soil	Clean Earth of Bethlehem	3709042	34.8	11:57:49 AM
1383	7/1/2024	243030008	53-AX457D	2925254	Non-haz contaminated soil	Clean Earth of Bethlehem	3709465	34.99	12:22:21 PM
1384	7/1/2024	243030008	44-AW725N	2925243	Non-haz contaminated soil	Clean Earth of Bethlehem	3709489	33.58	12:29:07 PM
1385	7/1/2024	243030008	61-AX286W	2925244	Non-haz contaminated soil	Clean Earth of Bethlehem	3710433	31.53	3:41:06 PM
1386	7/9/2024	243030008	49-AW644W	2925029	Non-haz contaminated soil	Clean Earth of Bethlehem	3724610	33.06	10:38:34 AM
1387	7/9/2024	243030008	52-AW462X	2925027	Non-haz contaminated soil	Clean Earth of Bethlehem	3728553	32.23	11:00:56 AM
1388	7/9/2024	243030008	47-AW728N	2925028	Non-haz contaminated soil	Clean Earth of Bethlehem	3728585	32.81	11:03:24 AM
1389	7/9/2024	243030008	60-AX287W	2925013	Non-haz contaminated soil	Clean Earth of Bethlehem	3728927	31.6	12:19:33 PM
1390	7/9/2024	243030008	53-AX457D	2925012	Non-haz contaminated soil	Clean Earth of Bethlehem	3728934	32.83	12:22:09 PM
1391	7/9/2024	243030008	63-AZ363B	2925030	Non-haz contaminated soil	Clean Earth of Bethlehem	3729007	33.16	12:37:47 PM
1392	7/23/2024	243030008	61-AX286W	2925031	Non-haz contaminated soil	Clean Earth of Bethlehem	3767832	28.06	10:37:18 AM
1393	7/23/2024	243030008	40-AU606U	2925032	Non-haz contaminated soil	Clean Earth of Bethlehem	3771763	26.22	10:43:32 AM
1394	7/23/2024	243030008	46-AW727N	2925025	Non-haz contaminated soil	Clean Earth of Bethlehem	3771785	30.1	10:48:33 AM
1395	7/23/2024	243030008	43-AZ361B	2925033	Non-haz contaminated soil	Clean Earth of Bethlehem	3771794	29.92	10:51:07 AM
1396	7/23/2024	243030008	53-AX457D	2925024	Non-haz contaminated soil	Clean Earth of Bethlehem	3771803	33.56	10:55:25 AM
1397	7/23/2024	243030008	44-AW725N	2925026	Non-haz contaminated soil	Clean Earth of Bethlehem	3771811	30.24	10:57:27 AM
1398	7/23/2024	243030008	57-AX229E	2925035	Non-haz contaminated soil	Clean Earth of Bethlehem	3771815	30.01	10:59:38 AM
1399	7/23/2024	243030008	58-AX385K	2925034	Non-haz contaminated soil	Clean Earth of Bethlehem	3771841	27.25	11:05:51 AM
1400	7/23/2024	243030008	55-AX227E	2925022	Non-haz contaminated soil	Clean Earth of Bethlehem	3771849	30.52	11:07:50 AM
1401	7/23/2024	243030008	54-AX226E	2925023	Non-haz contaminated soil	Clean Earth of Bethlehem	3771870	32.52	11:15:12 AM
1402	7/24/2024	243030008	46-AW727N	2925040	Non-haz contaminated soil	Clean Earth of Bethlehem	3771354	30.18	10:10:20 AM
1403	7/24/2024	243030008	59-AX932K	2925039	Non-haz contaminated soil	Clean Earth of Bethlehem	3776479	30.16	10:12:42 AM
1404	7/24/2024	243030008	53-AX457D	2925038	Non-haz contaminated soil	Clean Earth of Bethlehem	3776484	28.41	10:15:01 AM
1405	7/24/2024	243030008	39-AU605U	2925037	Non-haz contaminated soil	Clean Earth of Bethlehem	3776610	31.33	10:31:17 AM
1406	7/24/2024	243100018	51 - AW463X	3044217	Non-haz contaminated soil	Clean Earth of Philadelphia	3771357	10.92	11:00:51 AM
1407	7/25/2024	243030008	01-AS420W	2925046	Non-haz contaminated soil	Clean Earth of Bethlehem	3776630	36.61	10:12:38 AM
1408	7/25/2024	243030008	09-AZ372A	2925047	Non-haz contaminated soil	Clean Earth of Bethlehem	3781081	37.14	10:15:06 AM
1409	7/31/2024	243020052	09-AZ372A	2919500	Non-haz contaminated soil	Clean Earth of New Castle	3794209	26.55	9:55:13 AM
1410	7/31/2024	243020052	01-AS420W	2919501	Non-haz contaminated soil	Clean Earth of New Castle	3798834	29.37	11:11:42 AM
1411	7/31/2024	243020052	10-AZ373A	2919502	Non-haz contaminated soil	Clean Earth of New Castle	3800205	23.77	2:21:10 PM
1412	8/1/2024	243020052	09-AZ372A	2919503	Non-haz contaminated soil	Clean Earth of New Castle	3798851	27.96	9:30:59 AM
1413	8/1/2024	243020052	08-AZ371A	2919506	Non-haz contaminated soil	Clean Earth of New Castle	3803009	27.74	10:21:19 AM
1414	8/1/2024	243100018	NJ - AY391G	3044207	Non-haz contaminated soil	Clean Earth of Philadelphia	3798856	23.78	11:49:37 AM
1415	8/1/2024	243100018	06 - AY375R	3044208	Non-haz contaminated soil	Clean Earth of Philadelphia	3804046	22.6	12:56:22 PM
1416	8/1/2024	243100018	04-AX122N	3044209	Non-haz contaminated soil	Clean Earth of Philadelphia	3804118	24.39	1:09:29 PM
1417	8/1/2024	243100018	01 - AS420W	3044211	Non-haz contaminated soil	Clean Earth of Philadelphia	3804696	23.61	1:36:42 PM
1418	8/1/2024	243020052	10-AZ373A	2919505	Non-haz contaminated soil	Clean Earth of New Castle	3804699	27.83	1:37:14 PM
1419	8/1/2024	243100018	11 - AZ374A	3044210	Non-haz contaminated soil	Clean Earth of Philadelphia	3804876	24.85	2:05:21 PM
1420	8/2/2024	243100018	29 - AY902M	3044212	Non-haz contaminated soil	Clean Earth of Philadelphia	3803006	25.75	9:41:21 AM
1421	8/2/2024	243100018	04 - AX122N	3044205	Non-haz contaminated soil	Clean Earth of Philadelphia	3807271	24.77	9:43:11 AM
1422	8/2/2024	243100018	09 - AZ372A	3044204	Non-haz contaminated soil	Clean Earth of Philadelphia	3807299	28.12	9:50:54 AM
1423	8/2/2024	243100018	02 - AV927B	3044202	Non-haz contaminated soil	Clean Earth of Philadelphia	3807417	26.26	10:20:31 AM
1424	8/2/2024	243100018	10 - AZ373A	3044203	Non-haz contaminated soil	Clean Earth of Philadelphia	3807422	27.34	10:21:34 AM
1425	8/2/2024	243100018	08 - AY847K	3044206	Non-haz contaminated soil	Clean Earth of Philadelphia	3807541	25.62	10:36:39 AM
1426	8/5/2024	243100018	39 - AU605V	3044200	Non-haz contaminated soil	Clean Earth of Philadelphia	3807343	22.69	10:33:43 AM
1427	8/5/2024	243020052	06 -AY375R	2968351	Non-haz contaminated soil	Clean Earth of New Castle	3807345	32.52	10:39:15 AM
1428	8/5/2024	243020052	11-AZ374A	2968350	Non-haz contaminated soil	Clean Earth of New Castle	3811411	29.9	10:46:04 AM
1429	8/5/2024	243100018	54 - AX226E	3044195	Non-haz contaminated soil	Clean Earth of Philadelphia	3811487	24.97	10:53:40 AM
1430	8/5/2024	243020052	02-AU927B	2968348	Non-haz contaminated soil	Clean Earth of New Castle	3811490	33.87	10:54:29 AM
1431	8/5/2024	243020052	08 -AY584R	2968347	Non-haz contaminated soil	Clean Earth of New Castle	3811493	32.33	10:55:06 AM
1432	8/5/2024	243020052	09-AZ372A	2968344	Non-haz contaminated soil	Clean Earth of New Castle	3811805	36.18	11:34:00 AM
1433	8/5/2024	243020052	03-AY553W	2968346	Non-haz contaminated soil	Clean Earth of New Castle	3811820	33.52	11:36:55 AM
1434	8/5/2024	243020052	01-AS420W	2968341	Non-haz contaminated soil	Clean Earth of New Castle	3811872	28.57	11:47:42 AM
1435	8/5/2024	243020052	04-AX917D	2968345	Non-haz contaminated soil	Clean Earth of New Castle	3811877	29.68	11:48:21 AM
1436	8/5/2024	243020052	NJ-AX248Z	2968343	Non-haz contaminated soil	Clean Earth of New Castle	3811879	29.1	11:49:11 AM
1437	8/5/2024	243020052	01-AX680W	2968342	Non-haz contaminated soil	Clean Earth of New Castle	3811907	29.48	11:51:26 AM
1438	8/5/2024	243020052	43-AZ361B	2968349	Non-haz contaminated soil	Clean Earth of New Castle	3811968	31.52	11:56:47 AM
1439	8/5/2024	243020052	05 - AU260R	2968340	Non-haz contaminated soil	Clean Earth of New Castle	3811973	32.62	11:58:14 AM
1440	8/5/2024	243020052	08 - AZ371A	2968339	Non-haz contaminated soil	Clean Earth of New Castle	3811989	35.13	12:03:21 PM
1441	8/5/2024	243020052	07-AY998C	2968338	Non-haz contaminated soil	Clean Earth of New Castle	3812177	33.22	12:19:33 PM
1442	8/5/2024	243100018	07 - AZ370A	3044196	Non-haz contaminated soil	Clean Earth of Philadelphia	3812234	28.34	12:26:54 PM
1443	8/5/2024	243020052	04-AX177N	2968337	Non-haz contaminated soil	Clean Earth of New Castle	3812371	27.67	12:50:56 PM
1444	8/5/2024	2430816246	40-AZ609A-NJ	018008519FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		21.19	2:09:09 PM
1445	8/5/2024	2430816246	39-AZ608A	018008518FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		19.9	2:24:00 PM
1446	8/5/2024	2430816246	06-AZ287B-NJ	018008517FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		21.73	2:30:44 PM
1447	8/5/2024	2430816246	02-AZ286B	018008516FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		20.4	2:36:38 PM
1448	8/6/2024	243020052	02-AU927B	2968336	Non-haz contaminated soil	Clean Earth of New Castle	3811389	37.64	11:10:41 AM
1449	8/6/2024	243020052	08-AZ371A	2968326	Non-haz contaminated soil	Clean Earth of New Castle	3815528	34.94	11:15:05 AM

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1450	8/6/2024	243020052	01-AS420W	2968327	Non-haz contaminated soil	Clean Earth of New Castle	3815587	32.89	11:19:13 AM
1451	8/6/2024	243020052	03-AY553W	2968328	Non-haz contaminated soil	Clean Earth of New Castle	3815643	33.17	11:32:41 AM
1452	8/6/2024	243020052	07-AZ370A	2968330	Non-haz contaminated soil	Clean Earth of New Castle	3815686	38.18	11:34:45 AM
1453	8/6/2024	243020052	05-AU260R	2968335	Non-haz contaminated soil	Clean Earth of New Castle	3815761	35.75	11:55:37 AM
1454	8/6/2024	243020052	05-AY391G	2968331	Non-haz contaminated soil	Clean Earth of New Castle	3815768	33.78	11:58:16 AM
1455	8/6/2024	243020052	04-AX177N	2968329	Non-haz contaminated soil	Clean Earth of New Castle	3815887	34.5	12:08:51 PM
1456	8/6/2024	243020052	11-AZ374A	2968334	Non-haz contaminated soil	Clean Earth of New Castle	3816380	36.8	1:12:24 PM
1457	8/6/2024	243020052	09-AZ372A	2968325	Non-haz contaminated soil	Clean Earth of New Castle	3817563	36.07	4:03:31 PM
1458	8/7/2024	243020052	55-AX227E	2968324	Non-haz contaminated soil	Clean Earth of New Castle	3815008	37.04	11:20:52 AM
1459	8/7/2024	243020052	56-AX228E	2968333	Non-haz contaminated soil	Clean Earth of New Castle	3819922	33.54	11:23:14 AM
1460	8/7/2024	243020052	51-AW463X	2968332	Non-haz contaminated soil	Clean Earth of New Castle	3819925	32.93	11:24:53 AM
1461	8/13/2024	243020052	41 - AU427R	2916268	Non-haz contaminated soil	Clean Earth of New Castle	3827490	36.72	10:33:41 AM
1462	8/13/2024	243020052	53 - AW562C	2916272	Non-haz contaminated soil	Clean Earth of New Castle	3835561	29.85	10:45:24 AM
1463	8/13/2024	243020052	17 - AT517L	2916267	Non-haz contaminated soil	Clean Earth of New Castle	3835589	32.3	10:47:01 AM
1464	8/13/2024	243020052	07 - AS462U	2916273	Non-haz contaminated soil	Clean Earth of New Castle	3835620	29.92	10:49:09 AM
1465	8/13/2024	243100018	04 - AX122N	3044186	Non-haz contaminated soil	Clean Earth of Philadelphia	3827485	34.67	11:00:12 AM
1466	8/13/2024	243020052	19-AT879N	2916269	Non-haz contaminated soil	Clean Earth of New Castle	3835762	26.18	11:02:38 AM
1467	8/13/2024	243100018	36 - AU436J	3044191	Non-haz contaminated soil	Clean Earth of Philadelphia	3835771	34.21	11:04:37 AM
1468	8/13/2024	243020052	55-AW711R	2916270	Non-haz contaminated soil	Clean Earth of New Castle	3835772	28.87	11:04:43 AM
1469	8/13/2024	243020052	39-AU522N	2916271	Non-haz contaminated soil	Clean Earth of New Castle	3835798	32.62	11:09:59 AM
1470	8/13/2024	243020052	34 - AU435J	2916274	Non-haz contaminated soil	Clean Earth of New Castle	3835818	27.59	11:11:53 AM
1471	8/13/2024	243100018	05 - AY391G	3044182	Non-haz contaminated soil	Clean Earth of Philadelphia	3835826	28.86	11:13:19 AM
1472	8/13/2024	243100018	57 - AX229E	3044189	Non-haz contaminated soil	Clean Earth of Philadelphia	3835836	33.47	11:15:35 AM
1473	8/13/2024	243020052	07-AW559L	2916275	Non-haz contaminated soil	Clean Earth of New Castle	3835894	21.42	11:17:51 AM
1474	8/13/2024	243100018	01 - AS420W	3044181	Non-haz contaminated soil	Clean Earth of Philadelphia	3835908	31.09	11:20:08 AM
1475	8/13/2024	243100018	56 - AX228E	3044194	Non-haz contaminated soil	Clean Earth of Philadelphia	3836014	31.48	11:27:44 AM
1476	8/13/2024	243100018	60 - AX287W	3044193	Non-haz contaminated soil	Clean Earth of Philadelphia	3836067	30.63	11:32:04 AM
1477	8/13/2024	243100018	54 - AX226E	3044188	Non-haz contaminated soil	Clean Earth of Philadelphia	3836204	31.88	11:42:16 AM
1478	8/13/2024	243100018	47 - AW554B	3044187	Non-haz contaminated soil	Clean Earth of Philadelphia	3836258	29.43	11:48:50 AM
1479	8/13/2024	243100018	58 - AX385K	3044192	Non-haz contaminated soil	Clean Earth of Philadelphia	3836281	30.58	11:51:18 AM
1480	8/13/2024	243100018	37 - AX384K	3044185	Non-haz contaminated soil	Clean Earth of Philadelphia	3836287	33.71	11:52:39 AM
1481	8/13/2024	243100018	44 - AW725N	3044190	Non-haz contaminated soil	Clean Earth of Philadelphia	3836374	31.27	12:02:06 PM
1482	8/13/2024	243100018	59 - AX932K	3044184	Non-haz contaminated soil	Clean Earth of Philadelphia	3836436	32.86	12:11:07 PM
1483	8/13/2024	243100018	10-AZ373A	3044179	Non-haz contaminated soil	Clean Earth of Philadelphia	3836559	29.43	12:20:48 PM
1484	8/13/2024	243100018	11 - AZ374A	3044180	Non-haz contaminated soil	Clean Earth of Philadelphia	3836610	32.79	12:30:24 PM
1485	8/13/2024	243100018	48 - AW643W	3044178	Non-haz contaminated soil	Clean Earth of Philadelphia	3836787	30.89	1:03:27 PM
1486	8/13/2024	243100018	47 - AW728N	3044177	Non-haz contaminated soil	Clean Earth of Philadelphia	3837017	31.78	1:35:27 PM
1487	8/13/2024	243100018	52 - AW462X	3044176	Non-haz contaminated soil	Clean Earth of Philadelphia	3837023	32.21	1:36:05 PM
1488	8/13/2024	243100018	38 - AU604U	3044172	Non-haz contaminated soil	Clean Earth of Philadelphia	3837057	30.38	1:45:45 PM
1489	8/13/2024	243100018	49 - AW644W	3044174	Non-haz contaminated soil	Clean Earth of Philadelphia	3837064	29.73	1:48:00 PM
1490	8/13/2024	243100018	50 - AW645W	3044171	Non-haz contaminated soil	Clean Earth of Philadelphia	3837069	28.6	1:50:09 PM
1491	8/13/2024	243100018	45 - AW726N	3044165	Non-haz contaminated soil	Clean Earth of Philadelphia	3837124	32.79	2:07:45 PM
1492	8/13/2024	243100018	61 - AX286W	3044173	Non-haz contaminated soil	Clean Earth of Philadelphia	3837125	29.92	2:08:10 PM
1493	8/13/2024	243100018	43-AZ361B	3044168	Non-haz contaminated soil	Clean Earth of Philadelphia	3837129	32.82	2:08:44 PM
1494	8/13/2024	243100018	46 - AW727N	3044169	Non-haz contaminated soil	Clean Earth of Philadelphia	3837188	32.34	2:21:19 PM
1495	8/13/2024	243100018	40 - AU606U	3044170	Non-haz contaminated soil	Clean Earth of Philadelphia	3837190	31.32	2:22:16 PM
1496	8/13/2024	243100018	39 - AU605V	3044167	Non-haz contaminated soil	Clean Earth of Philadelphia	3837222	32.27	2:23:38 PM
1497	8/13/2024	243100018	51 - AW463X	3044164	Non-haz contaminated soil	Clean Earth of Philadelphia	3837314	35.1	2:30:18 PM
1498	8/13/2024	243100018	07 - AZ370A	3044183	Non-haz contaminated soil	Clean Earth of Philadelphia	3837347	36.89	2:31:30 PM
1499	8/13/2024	243100018	53 - AX457D	3044162	Non-haz contaminated soil	Clean Earth of Philadelphia	3837400	34.12	2:37:31 PM
1500	8/13/2024	243100018	55 - AX227E	3044233	Non-haz contaminated soil	Clean Earth of Philadelphia	3837514	33.18	2:53:28 PM
1501	8/13/2024	243100018	14 - AY400Z	3044166	Non-haz contaminated soil	Clean Earth of Philadelphia	3837557	36.75	3:06:15 PM
1502	8/13/2024	243100018	11 - AW251J	3044163	Non-haz contaminated soil	Clean Earth of Philadelphia	3837562	37.16	3:07:04 PM
1503	8/13/2024	243100018	12 - AZ375A	3044175	Non-haz contaminated soil	Clean Earth of Philadelphia	3837601	38.45	3:22:55 PM
1504	8/13/2024	243100018	15 - AW249J	3044234	Non-haz contaminated soil	Clean Earth of Philadelphia	3837617	36.64	3:24:30 PM
1505	8/13/2024	243100018	62 - AY176T	3044232	Non-haz contaminated soil	Clean Earth of Philadelphia	3837623	35.13	3:27:26 PM
1506	8/14/2024	243030008	09-AZ372A	2925044	Non-haz contaminated soil	Clean Earth of Bethlehem	3827495	31.59	9:46:14 AM
1507	8/14/2024	243030008	45-AZ362B	2925042	Non-haz contaminated soil	Clean Earth of Bethlehem	3839614	31.66	9:48:37 AM
1508	8/14/2024	243030008	17-AT517L	2925045	Non-haz contaminated soil	Clean Earth of Bethlehem	3839618	21.65	9:50:44 AM
1509	8/14/2024	243030008	41-AU427R	2925020	Non-haz contaminated soil	Clean Earth of Bethlehem	3839643	19.59	9:54:52 AM
1510	8/14/2024	243030008	19-AT879N	2925021	Non-haz contaminated soil	Clean Earth of Bethlehem	3839656	21.01	9:57:40 AM
1511	8/14/2024	243030008	11-AS462U	2925036	Non-haz contaminated soil	Clean Earth of Bethlehem	3839664	26.8	10:00:34 AM
1512	8/14/2024	243030008	03-AT515L	2925041	Non-haz contaminated soil	Clean Earth of Bethlehem	3839672	25.01	10:03:24 AM
1513	8/14/2024	243030008	03-AY553W	2925054	Non-haz contaminated soil	Clean Earth of Bethlehem	3839683	28.67	10:06:46 AM
1514	8/14/2024	243030008	09-AX378P	2925049	Non-haz contaminated soil	Clean Earth of Bethlehem	3839722	22.25	10:19:18 AM
1515	8/14/2024	243030008	06-AY375R	2925056	Non-haz contaminated soil	Clean Earth of Bethlehem	3839732	26.52	10:21:29 AM
1516	8/14/2024	243030008	02-AU927B	2925057	Non-haz contaminated soil	Clean Earth of Bethlehem	3839749	25.5	10:24:12 AM
1517	8/14/2024	243030008	12-AZ375A	2925043	Non-haz contaminated soil	Clean Earth of Bethlehem	3839755	23.9	10:26:26 AM
1518	8/14/2024	243030008	34-AU435J	2925050	Non-haz contaminated soil	Clean Earth of Bethlehem	3839768	25.46	10:31:44 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1519	8/14/2024	243030008	36-AU436J	2925053	Non-haz contaminated soil	Clean Earth of Bethlehem	3839770	27.62	10:33:59 AM
1520	8/14/2024	243030008	09-AS463U	2925052	Non-haz contaminated soil	Clean Earth of Bethlehem	3839779	27.7	10:37:41 AM
1521	8/14/2024	243030008	07-AW559L	2925051	Non-haz contaminated soil	Clean Earth of Bethlehem	3839784	28.49	10:40:07 AM
1522	8/14/2024	243030008	39-AU522N	2925048	Non-haz contaminated soil	Clean Earth of Bethlehem	3839799	22.52	10:43:01 AM
1523	8/14/2024	243030008	10-az373a	2925060	Non-haz contaminated soil	Clean Earth of Bethlehem	3839822	28.99	10:52:22 AM
1524	8/14/2024	243030008	07-AZ370A	2925058	Non-haz contaminated soil	Clean Earth of Bethlehem	3839844	24.81	10:54:39 AM
1525	8/14/2024	243030008	??-AY975M	2925059	Non-haz contaminated soil	Clean Earth of Bethlehem	3839918	25.72	11:01:57 AM
1526	8/14/2024	243030008	49-AX884E	2925055	Non-haz contaminated soil	Clean Earth of Bethlehem	3839923	27.02	11:04:17 AM
1527	8/14/2024	243030008	06-AY664G	2925062	Non-haz contaminated soil	Clean Earth of Bethlehem	3839951	25.28	11:17:02 AM
1528	8/14/2024	243030008	07-AY998C	2925061	Non-haz contaminated soil	Clean Earth of Bethlehem	3839969	30.96	11:22:35 AM
1529	8/14/2024	243030008	28-AY671U	2925064	Non-haz contaminated soil	Clean Earth of Bethlehem	3840006	27.08	11:25:39 AM
1530	8/14/2024	243030008	04-AX917D	2925063	Non-haz contaminated soil	Clean Earth of Bethlehem	3840039	27.81	11:27:43 AM
1531	8/14/2024	243030008	61-AX286W	2925069	Non-haz contaminated soil	Clean Earth of Bethlehem	3840132	25.25	11:43:30 AM
1532	8/14/2024	243030008	40-AU606U	2925067	Non-haz contaminated soil	Clean Earth of Bethlehem	3840147	24.26	11:45:24 AM
1533	8/14/2024	243030008	39-AU605U	2925066	Non-haz contaminated soil	Clean Earth of Bethlehem	3840392	24.8	11:57:28 AM
1534	8/14/2024	243030008	30-AY176T	2925065	Non-haz contaminated soil	Clean Earth of Bethlehem	3840483	26.14	11:59:54 AM
1535	8/14/2024	243030008	55-AX227E	2925068	Non-haz contaminated soil	Clean Earth of Bethlehem	3840579	26.2	12:06:45 PM
1536	8/14/2024	243030008	14-AW191T	2925080	Non-haz contaminated soil	Clean Earth of Bethlehem	3840849	22.76	12:40:52 PM
1537	8/14/2024	243030008	53-AW562C	2925078	Non-haz contaminated soil	Clean Earth of Bethlehem	3840967	28.79	1:03:30 PM
1538	8/14/2024	243030008	55-AW711R	2925079	Non-haz contaminated soil	Clean Earth of Bethlehem	3841060	22.95	1:20:10 PM
1539	8/14/2024	243030008	12-AW857D	2925076	Non-haz contaminated soil	Clean Earth of Bethlehem	3841343	25.96	1:55:00 PM
1540	8/14/2024	243030008	56-AX228E	2925077	Non-haz contaminated soil	Clean Earth of Bethlehem	3841406	29.21	2:01:06 PM
1541	8/14/2024	243030008	73-AY186A	2925075	Non-haz contaminated soil	Clean Earth of Bethlehem	3841478	29	2:14:56 PM
1542	8/14/2024	243030008	51-AW463X	2925073	Non-haz contaminated soil	Clean Earth of Bethlehem	3841577	24.56	2:28:34 PM
1543	8/14/2024	243030008	35-AU520N	2925074	Non-haz contaminated soil	Clean Earth of Bethlehem	3841612	28.76	2:34:25 PM
1544	8/14/2024	243030008	59-AX932K	2925071	Non-haz contaminated soil	Clean Earth of Bethlehem	3841836	24.96	2:50:38 PM
1545	8/14/2024	243030008	13-AY903R	2925070	Non-haz contaminated soil	Clean Earth of Bethlehem	3842041	25.49	3:03:06 PM
1546	8/14/2024	243030008	53-AX457D	2925072	Non-haz contaminated soil	Clean Earth of Bethlehem	3842052	25.61	3:07:40 PM
1547	8/14/2024	243030008	38-AU604U	2925090	Non-haz contaminated soil	Clean Earth of Bethlehem	3842058	26.95	3:09:57 PM
1548	8/14/2024	243030008	29-AU435F	2925089	Non-haz contaminated soil	Clean Earth of Bethlehem	3842271	22.25	3:47:25 PM
1549	8/14/2024	243030008	17-AT517L	2925086	Non-haz contaminated soil	Clean Earth of Bethlehem	3842282	26.37	3:49:27 PM
1550	8/14/2024	243030008	??-AU427R	2925085	Non-haz contaminated soil	Clean Earth of Bethlehem	3842284	24.92	3:51:35 PM
1551	8/14/2024	243030008	39-AU522N	2925087	Non-haz contaminated soil	Clean Earth of Bethlehem	3842302	25.49	3:54:06 PM
1552	8/14/2024	243030008	19-AT879N	2925084	Non-haz contaminated soil	Clean Earth of Bethlehem	3842320	25.2	3:56:25 PM
1553	8/14/2024	243030008	49-AW644W	2925083	Non-haz contaminated soil	Clean Earth of Bethlehem	3842321	28.23	3:58:32 PM
1554	8/14/2024	243030008	60-AX287W	2925088	Non-haz contaminated soil	Clean Earth of Bethlehem	3842327	22.47	4:00:38 PM
1555	8/14/2024	243030008	36-AU436J	2925096	Non-haz contaminated soil	Clean Earth of Bethlehem	3842469	29.89	4:21:04 PM
1556	8/14/2024	243030008	03-AT515L	2925081	Non-haz contaminated soil	Clean Earth of Bethlehem	3842491	25.15	4:23:30 PM
1557	8/14/2024	243030008	58-AX385K	2925099	Non-haz contaminated soil	Clean Earth of Bethlehem	3842505	28.59	4:26:04 PM
1558	8/14/2024	243030008	48-AW643W	2925098	Non-haz contaminated soil	Clean Earth of Bethlehem	3842513	27.98	4:29:39 PM
1559	8/14/2024	243030008	34-AU435J	2925097	Non-haz contaminated soil	Clean Earth of Bethlehem	3842562	25.07	4:32:34 PM
1560	8/14/2024	243030008	07-AW559L	2925095	Non-haz contaminated soil	Clean Earth of Bethlehem	3842593	28.28	4:45:00 PM
1561	8/14/2024	243030008	09-AS463U	2925094	Non-haz contaminated soil	Clean Earth of Bethlehem	3842630	31.58	4:48:44 PM
1562	8/15/2024	243030008	11-AS462U	2925082	Non-haz contaminated soil	Clean Earth of Bethlehem	3827497	28.01	7:09:45 AM
1563	8/15/2024	243030008	03-AX884E	2925093	Non-haz contaminated soil	Clean Earth of Bethlehem	3843465	32.06	7:12:40 AM
1564	8/15/2024	243020052	28-AW448Y	2916219	Non-haz contaminated soil	Clean Earth of New Castle	3827492	30.07	10:46:16 AM
1565	8/15/2024	243030008	777-AW118G	2925100	Non-haz contaminated soil	Clean Earth of Bethlehem	3844788	29.64	11:20:00 AM
1566	8/15/2024	243030008	07-AU678Z	2925091	Non-haz contaminated soil	Clean Earth of Bethlehem	3844798	29.9	11:22:14 AM
1567	8/15/2024	243030008	09-AX378P	2925104	Non-haz contaminated soil	Clean Earth of Bethlehem	3844803	32.98	11:25:06 AM
1568	8/15/2024	243030008	12-AY447R	2925092	Non-haz contaminated soil	Clean Earth of Bethlehem	3844914	33.6	11:45:01 AM
1569	8/15/2024	243030008	06-AX916L	2925103	Non-haz contaminated soil	Clean Earth of Bethlehem	3845001	31.68	11:55:53 AM
1570	8/15/2024	243030008	??-AX377P	2925101	Non-haz contaminated soil	Clean Earth of Bethlehem	3845010	31.58	11:57:54 AM
1571	8/15/2024	243020052	25 - AU872D	2916212	Non-haz contaminated soil	Clean Earth of New Castle	3845068	31.41	12:09:41 PM
1572	8/15/2024	243020052	29-AU435F	2916211	Non-haz contaminated soil	Clean Earth of New Castle	3845082	34.71	12:14:52 PM
1573	8/15/2024	243020052	77-AY760V	2916213	Non-haz contaminated soil	Clean Earth of New Castle	3845090	31.44	12:16:42 PM
1574	8/15/2024	243020052	31-AU740H	2916210	Non-haz contaminated soil	Clean Earth of New Castle	3845100	30.04	12:21:03 PM
1575	8/15/2024	243020052	01 - AU706U	2916217	Non-haz contaminated soil	Clean Earth of New Castle	3845104	29.62	12:24:08 PM
1576	8/15/2024	243020052	02-AW244V	2916207	Non-haz contaminated soil	Clean Earth of New Castle	3845114	25.7	12:27:45 PM
1577	8/15/2024	243020052	53 - AW562C	2916202	Non-haz contaminated soil	Clean Earth of New Castle	3845120	28.73	12:30:05 PM
1578	8/15/2024	243030008	01-AY769Z	2925102	Non-haz contaminated soil	Clean Earth of Bethlehem	3845123	28.19	12:30:25 PM
1579	8/15/2024	243020052	73-AY186A	2916203	Non-haz contaminated soil	Clean Earth of New Castle	3845140	30.76	12:31:24 PM
1580	8/15/2024	243020052	17 - AT517L	2916215	Non-haz contaminated soil	Clean Earth of New Castle	3845213	23.11	12:34:49 PM
1581	8/15/2024	243020052	74-AY578G	2916206	Non-haz contaminated soil	Clean Earth of New Castle	3845316	28.81	12:37:42 PM
1582	8/15/2024	243020052	55-AW711R	2916209	Non-haz contaminated soil	Clean Earth of New Castle	3845381	30.06	12:50:12 PM
1583	8/15/2024	243020052	18 - AT878N	2916208	Non-haz contaminated soil	Clean Earth of New Castle	3845420	29.7	12:54:15 PM
1584	8/15/2024	243020052	343-AW858D	2916204	Non-haz contaminated soil	Clean Earth of New Castle	3845470	31.4	1:02:25 PM
1585	8/15/2024	243020052	12-AZ375A	2916201	Non-haz contaminated soil	Clean Earth of New Castle	3845628	31.1	1:30:59 PM
1586	8/15/2024	243020052	68-AX210R	2916205	Non-haz contaminated soil	Clean Earth of New Castle	3845696	29.96	1:33:13 PM
1587	8/15/2024	243020052	05-AU260R	2916199	Non-haz contaminated soil	Clean Earth of New Castle	3845737	29.18	1:44:19 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1588	8/15/2024	243020052	AY900Z	2916200	Non-haz contaminated soil	Clean Earth of New Castle	3845898	22.76	2:13:21 PM
1589	8/15/2024	243020052	15-AW249J	2916196	Non-haz contaminated soil	Clean Earth of New Castle	3845952	24.52	2:15:01 PM
1590	8/15/2024	243020052	NJ - AU427R	2916194	Non-haz contaminated soil	Clean Earth of New Castle	3845992	27.26	2:19:06 PM
1591	8/15/2024	243020052	19-AT879N	2916195	Non-haz contaminated soil	Clean Earth of New Castle	3846030	24.74	2:21:38 PM
1592	8/15/2024	243020052	02-AU927B	2916197	Non-haz contaminated soil	Clean Earth of New Castle	3846047	28.54	2:24:43 PM
1593	8/15/2024	243020052	10-AX652Y	2916193	Non-haz contaminated soil	Clean Earth of New Castle	3846064	29.41	2:26:50 PM
1594	8/15/2024	243030008	01-AS420W	2925105	Non-haz contaminated soil	Clean Earth of Bethlehem	3846066	26.69	2:27:08 PM
1595	8/15/2024	243020052	09-AZ372A	2916190	Non-haz contaminated soil	Clean Earth of New Castle	3846069	30.81	2:28:43 PM
1596	8/15/2024	243020052	27-AU873D	2916198	Non-haz contaminated soil	Clean Earth of New Castle	3846093	26.5	2:34:44 PM
1597	8/15/2024	243020052	NJ-AY375R	2916187	Non-haz contaminated soil	Clean Earth of New Castle	3846151	24.58	2:41:35 PM
1598	8/15/2024	243020052	11-AW251J	2916189	Non-haz contaminated soil	Clean Earth of New Castle	3846195	25.6	2:47:14 PM
1599	8/15/2024	243030008	11-AY976M	2925106	Non-haz contaminated soil	Clean Earth of Bethlehem	3846289	31.84	3:06:24 PM
1600	8/15/2024	243030008	02-AY694C	2925107	Non-haz contaminated soil	Clean Earth of Bethlehem	3846296	31.04	3:09:28 PM
1601	8/15/2024	243030008	04-AX177N	2925110	Non-haz contaminated soil	Clean Earth of Bethlehem	3846423	30.48	3:15:11 PM
1602	8/15/2024	243030008	05-AY391G	2925109	Non-haz contaminated soil	Clean Earth of Bethlehem	3846467	29.13	3:17:28 PM
1603	8/15/2024	243020052	30-AX946X	2916192	Non-haz contaminated soil	Clean Earth of New Castle	3846468	30.44	3:18:06 PM
1604	8/15/2024	243030008	07-AW559L	2925111	Non-haz contaminated soil	Clean Earth of Bethlehem	3846471	25.94	3:19:52 PM
1605	8/15/2024	243020052	11-AZ374A	2916191	Non-haz contaminated soil	Clean Earth of New Castle	3846472	26.32	3:20:16 PM
1606	8/15/2024	243020052	03 - AT515L	2916188	Non-haz contaminated soil	Clean Earth of New Castle	3846487	25.41	3:22:46 PM
1607	8/15/2024	243030008	42-AU273U	2925108	Non-haz contaminated soil	Clean Earth of Bethlehem	3846501	25.12	3:25:39 PM
1608	8/15/2024	243030008	07-AZ370A	2925113	Non-haz contaminated soil	Clean Earth of Bethlehem	3846782	33.34	3:59:29 PM
1609	8/15/2024	243030008	08-AZ371A	2925112	Non-haz contaminated soil	Clean Earth of Bethlehem	3846818	30.98	4:01:40 PM
1610	8/15/2024	243030008	03-AY553W	2925115	Non-haz contaminated soil	Clean Earth of Bethlehem	3846954	29.78	4:26:45 PM
1611	8/15/2024	243030008	40-AU426R	2925116	Non-haz contaminated soil	Clean Earth of Bethlehem	3847046	30.43	4:34:09 PM
1612	8/15/2024	243030008	36-AU436J	2925126	Non-haz contaminated soil	Clean Earth of Bethlehem	3847085	30.32	4:40:53 PM
1613	8/15/2024	243030008	39-AU522N	2925114	Non-haz contaminated soil	Clean Earth of Bethlehem	3847104	34.32	4:46:40 PM
1614	8/15/2024	243030008	04-AX436X	2925127	Non-haz contaminated soil	Clean Earth of Bethlehem	3847105	30.18	4:49:27 PM
1615	8/15/2024	243030008	08-AY975M	2925117	Non-haz contaminated soil	Clean Earth of Bethlehem	3847254	30.71	5:12:28 PM
1616	8/16/2024	243030008	10-AX975Y	2925121	Non-haz contaminated soil	Clean Earth of Bethlehem	3827499	26.31	7:06:01 AM
1617	8/16/2024	243030008	03-AY511B	2925122	Non-haz contaminated soil	Clean Earth of Bethlehem	3847845	28.46	7:09:00 AM
1618	8/16/2024	243030008	09-AX378P	2925123	Non-haz contaminated soil	Clean Earth of Bethlehem	3847854	32.07	7:12:49 AM
1619	8/16/2024	243030008	34-AU435J	2925119	Non-haz contaminated soil	Clean Earth of Bethlehem	3847857	21.76	7:15:53 AM
1620	8/16/2024	243030008	09-AS463U	2925120	Non-haz contaminated soil	Clean Earth of Bethlehem	3847864	27.96	7:23:33 AM
1621	8/16/2024	243100018	14 - AY400Z	3044154	Non-haz contaminated soil	Clean Earth of Philadelphia	3827486	26.52	10:01:14 AM
1622	8/16/2024	243100018	12 - AZ375A	3044157	Non-haz contaminated soil	Clean Earth of Philadelphia	3848443	30.23	10:01:49 AM
1623	8/16/2024	243100018	10 - AS461U	3044155	Non-haz contaminated soil	Clean Earth of Philadelphia	3848451	24.57	10:04:15 AM
1624	8/16/2024	243100018	01 - AS420W	3044161	Non-haz contaminated soil	Clean Earth of Philadelphia	3848547	31.73	10:21:45 AM
1625	8/16/2024	243100018	75 - AY577F	3044156	Non-haz contaminated soil	Clean Earth of Philadelphia	3848549	23.21	10:22:26 AM
1626	8/16/2024	243100018	15 - AW249J	3044159	Non-haz contaminated soil	Clean Earth of Philadelphia	3848584	27.18	10:26:18 AM
1627	8/16/2024	243100018	72 - AX596U	3044158	Non-haz contaminated soil	Clean Earth of Philadelphia	3848611	31.39	10:27:21 AM
1628	8/16/2024	243100018	10 AZ373A	3044142	Non-haz contaminated soil	Clean Earth of Philadelphia	3848674	24.65	10:35:11 AM
1629	8/16/2024	243100018	02 - AV927B	3044143	Non-haz contaminated soil	Clean Earth of Philadelphia	3848682	30.16	10:35:41 AM
1630	8/16/2024	243100018	01 - AU706U	3044160	Non-haz contaminated soil	Clean Earth of Philadelphia	3848909	22.81	11:28:19 AM
1631	8/16/2024	243030008	04-AY705E	2925118	Non-haz contaminated soil	Clean Earth of Bethlehem	3849015	26.72	11:44:24 AM
1632	8/16/2024	243030008	41-AU427R	2925129	Non-haz contaminated soil	Clean Earth of Bethlehem	3849019	30.25	11:46:42 AM
1633	8/16/2024	243030008	29-AU809Y	2925124	Non-haz contaminated soil	Clean Earth of Bethlehem	3849025	27.82	11:49:06 AM
1634	8/16/2024	243030008	02-AY704E	2925125	Non-haz contaminated soil	Clean Earth of Bethlehem	3849043	28.56	11:54:00 AM
1635	8/16/2024	243030008	01-AU421C	2925128	Non-haz contaminated soil	Clean Earth of Bethlehem	3849051	25.89	11:56:20 AM
1636	8/16/2024	243020052	09-AZ372A	2911962	Non-haz contaminated soil	Clean Earth of New Castle	3827493	28.5	12:09:51 PM
1637	8/16/2024	243020052	08-AZ371A	2911963	Non-haz contaminated soil	Clean Earth of New Castle	3849174	27.13	12:11:50 PM
1638	8/16/2024	243020052	06-AY375R	2911964	Non-haz contaminated soil	Clean Earth of New Castle	3849234	26	12:15:15 PM
1639	8/16/2024	243020052	04-AX177N	2911961	Non-haz contaminated soil	Clean Earth of New Castle	3849241	28.22	12:17:29 PM
1640	8/16/2024	243030008	05-AW689L	2925145	Non-haz contaminated soil	Clean Earth of Bethlehem	3849246	23.96	12:19:20 PM
1641	8/16/2024	243020052	77-AY760V	2911960	Non-haz contaminated soil	Clean Earth of New Castle	3849584	27.15	1:00:17 PM
1642	8/16/2024	243020052	NJ - AS462U	2911958	Non-haz contaminated soil	Clean Earth of New Castle	3849656	25.74	1:11:25 PM
1643	8/16/2024	243020052	58-AW918X	2911959	Non-haz contaminated soil	Clean Earth of New Castle	3849687	27.31	1:14:36 PM
1644	8/16/2024	243020052	17 - AT517L	2885857	Non-haz contaminated soil	Clean Earth of New Castle	3849723	23.96	1:20:54 PM
1645	8/16/2024	243020052	73-AY186A	2885859	Non-haz contaminated soil	Clean Earth of New Castle	3849726	31.33	1:22:30 PM
1646	8/16/2024	243020052	19-AT879N	2885858	Non-haz contaminated soil	Clean Earth of New Castle	3849743	28.76	1:25:55 PM
1647	8/16/2024	243020052	03-AY553W	2885862	Non-haz contaminated soil	Clean Earth of New Castle	3849762	26.94	1:28:58 PM
1648	8/16/2024	243020052	343-AW858D	2885861	Non-haz contaminated soil	Clean Earth of New Castle	3849777	30.08	1:30:56 PM
1649	8/16/2024	243020052	55-AW711R	2885856	Non-haz contaminated soil	Clean Earth of New Castle	3849809	25.5	1:33:04 PM
1650	8/16/2024	243020052	39-AU522N	2885860	Non-haz contaminated soil	Clean Earth of New Castle	3849827	31.64	1:36:16 PM
1651	8/16/2024	243030008	??-AX260R	2925133	Non-haz contaminated soil	Clean Earth of Bethlehem	3849832	20.37	1:38:51 PM
1652	8/16/2024	243030008	03-AW690L	2925132	Non-haz contaminated soil	Clean Earth of Bethlehem	3849861	24.72	1:44:39 PM
1653	8/16/2024	243020052	57-AW672S	2885864	Non-haz contaminated soil	Clean Earth of New Castle	3849879	25.85	1:48:35 PM
1654	8/16/2024	243030008	05-AU260R	2925138	Non-haz contaminated soil	Clean Earth of Bethlehem	3849884	29.83	1:49:47 PM
1655	8/16/2024	243020052	11-AW251J	2885865	Non-haz contaminated soil	Clean Earth of New Castle	3849887	29.12	1:50:54 PM
1656	8/16/2024	243030008	05-AY391G	2925130	Non-haz contaminated soil	Clean Earth of Bethlehem	3849896	29.02	1:52:44 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1657	8/16/2024	243020052	56-AW671S	2885863	Non-haz contaminated soil	Clean Earth of New Castle	3849956	24.62	1:58:52 PM
1658	8/16/2024	243020052	07-AW559L	2885867	Non-haz contaminated soil	Clean Earth of New Castle	3849997	25.12	2:05:39 PM
1659	8/16/2024	243020052	36 - AU436J	2885866	Non-haz contaminated soil	Clean Earth of New Castle	3850029	29.52	2:08:21 PM
1660	8/16/2024	243030008	07-AZ370A	2925139	Non-haz contaminated soil	Clean Earth of Bethlehem	3850066	30.73	2:20:25 PM
1661	8/16/2024	243030008	68-AX210R	2925135	Non-haz contaminated soil	Clean Earth of Bethlehem	3850078	30.38	2:25:39 PM
1662	8/16/2024	243030008	42-AU273U	2925134	Non-haz contaminated soil	Clean Earth of Bethlehem	3850086	26.58	2:28:32 PM
1663	8/16/2024	243020052	52 - AW840A	2885868	Non-haz contaminated soil	Clean Earth of New Castle	3850147	26.26	2:34:34 PM
1664	8/16/2024	243030008	11-AZ374A	2925140	Non-haz contaminated soil	Clean Earth of Bethlehem	3850282	27.6	3:07:32 PM
1665	8/16/2024	243030008	44-AU825V	2925137	Non-haz contaminated soil	Clean Earth of Bethlehem	3850292	31.36	3:09:55 PM
1666	8/16/2024	243030008	21-AY399K	2925136	Non-haz contaminated soil	Clean Earth of Bethlehem	3850295	25.63	3:12:09 PM
1667	8/16/2024	243030008	34-AU435J	2925141	Non-haz contaminated soil	Clean Earth of Bethlehem	3850334	25.83	3:21:39 PM
1668	8/16/2024	243030008	24-AX329R	2925142	Non-haz contaminated soil	Clean Earth of Bethlehem	3850346	27.28	3:26:05 PM
1669	8/16/2024	243030008	74-AY578E	2925143	Non-haz contaminated soil	Clean Earth of Bethlehem	3850410	29.96	3:36:15 PM
1670	8/16/2024	243030008	03-AW670S	2925153	Non-haz contaminated soil	Clean Earth of Bethlehem	3850546	31	4:03:05 PM
1671	8/16/2024	243030008	30-AX330R	2925144	Non-haz contaminated soil	Clean Earth of Bethlehem	3850645	28.63	4:26:01 PM
1672	8/19/2024	2430816966	74-AY578E	018008495FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		27.98	10:51:09 AM
1673	8/19/2024	2430816966	77-AY760V	018008494FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		25.16	11:09:37 AM
1674	8/19/2024	2430816966	44-AU825V	018008493FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		27.6	11:11:46 AM
1675	8/19/2024	2430816966	40-AU426R	018008496FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		25.1	12:33:47 PM
1676	8/19/2024	2430816966	58-AW918X	018008497FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		21.33	12:45:37 PM
1677	8/20/2024	2430816246	77-AY760V	018008515FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		9.5	10:17:09 AM
1678	8/20/2024	243030008	03-AW645W	2889385	Non-haz contaminated soil	Clean Earth of Bethlehem	3848976	23.71	10:48:57 AM
1679	8/20/2024	243030008	70-AX717S	2889384	Non-haz contaminated soil	Clean Earth of Bethlehem	3856537	24.93	10:55:52 AM
1680	8/20/2024	243030008	07-AZ370A	2925147	Non-haz contaminated soil	Clean Earth of Bethlehem	3856748	33.57	11:16:24 AM
1681	8/20/2024	243030008	50-AU330Y	2889387	Non-haz contaminated soil	Clean Earth of Bethlehem	3856844	26.07	11:33:08 AM
1682	8/20/2024	243030008	05-AY391G	2889386	Non-haz contaminated soil	Clean Earth of Bethlehem	3856868	29.3	11:37:28 AM
1683	8/20/2024	243030008	02-AU927B	2889388	Non-haz contaminated soil	Clean Earth of Bethlehem	3856876	29.8	11:39:35 AM
1684	8/20/2024	243030008	10-az373a	2925152	Non-haz contaminated soil	Clean Earth of Bethlehem	3857073	28.23	12:07:58 PM
1685	8/20/2024	243030008	08-AZ371A	2925146	Non-haz contaminated soil	Clean Earth of Bethlehem	3857076	34.42	12:10:27 PM
1686	8/20/2024	243030008	01-AS420W	2925151	Non-haz contaminated soil	Clean Earth of Bethlehem	3857160	29.91	12:12:46 PM
1687	8/20/2024	243030008	51-AW463X	2889389	Non-haz contaminated soil	Clean Earth of Bethlehem	3857179	25.29	12:15:49 PM
1688	8/20/2024	243030008	52-AW462X	2925149	Non-haz contaminated soil	Clean Earth of Bethlehem	3857235	27.52	12:19:15 PM
1689	8/20/2024	243030008	47-AW728N	2925148	Non-haz contaminated soil	Clean Earth of Bethlehem	3857264	27.26	12:21:50 PM
1690	8/20/2024	243030008	60-AX287W	2925150	Non-haz contaminated soil	Clean Earth of Bethlehem	3857290	22.47	12:26:34 PM
1691	8/20/2024	243030008	54-AX226E	2889382	Non-haz contaminated soil	Clean Earth of Bethlehem	3857296	30.28	12:29:07 PM
1692	8/20/2024	243030008	53-AW562C	2889377	Non-haz contaminated soil	Clean Earth of Bethlehem	3857313	25.42	12:32:02 PM
1693	8/20/2024	243030008	04-AX177N	2889380	Non-haz contaminated soil	Clean Earth of Bethlehem	3857330	32.2	12:34:45 PM
1694	8/20/2024	243030008	27-AU873D	2889379	Non-haz contaminated soil	Clean Earth of Bethlehem	3857354	26.74	12:37:18 PM
1695	8/20/2024	243030008	14-AW191T	2889378	Non-haz contaminated soil	Clean Earth of Bethlehem	3857356	22.77	12:40:03 PM
1696	8/20/2024	243030008	45-AZ362B	2889381	Non-haz contaminated soil	Clean Earth of Bethlehem	3857391	31.28	12:47:34 PM
1697	8/20/2024	243030008	65-AX312S	2889383	Non-haz contaminated soil	Clean Earth of Bethlehem	3857393	28.51	12:49:52 PM
1698	8/20/2024	243100018	75 - AY577F	3044151	Non-haz contaminated soil	Clean Earth of Philadelphia	3849001	26.41	1:19:33 PM
1699	8/20/2024	243100018	55 - AW711R	3044153	Non-haz contaminated soil	Clean Earth of Philadelphia	3857583	30.08	1:19:56 PM
1700	8/20/2024	243100018	02 - AW244V	3044150	Non-haz contaminated soil	Clean Earth of Philadelphia	3857586	32.08	1:20:31 PM
1701	8/20/2024	243100018	39 - AU522N	3044152	Non-haz contaminated soil	Clean Earth of Philadelphia	3857594	31.24	1:21:04 PM
1702	8/20/2024	243100018	36 - AU436J	3044149	Non-haz contaminated soil	Clean Earth of Philadelphia	3857610	34.35	1:22:09 PM
1703	8/20/2024	243100018	40 - AU426R	3044148	Non-haz contaminated soil	Clean Earth of Philadelphia	3857611	31.77	1:22:53 PM
1704	8/20/2024	243100018	56 - AW671S	3044145	Non-haz contaminated soil	Clean Earth of Philadelphia	3857887	30.22	1:47:04 PM
1705	8/20/2024	243100018	73 - AY186A	3044147	Non-haz contaminated soil	Clean Earth of Philadelphia	3857954	34.05	1:59:23 PM
1706	8/20/2024	243100018	33 - AW670S	3044144	Non-haz contaminated soil	Clean Earth of Philadelphia	3858020	33.34	2:00:24 PM
1707	8/20/2024	243100018	343-AW858D	3044146	Non-haz contaminated soil	Clean Earth of Philadelphia	3858268	28.01	2:09:47 PM
1708	8/20/2024	243020052	37 - AU521N	2885869	Non-haz contaminated soil	Clean Earth of New Castle	3848989	25.21	2:20:17 PM
1709	8/20/2024	243020052	44-AU825V	2885870	Non-haz contaminated soil	Clean Earth of New Castle	3858643	28.89	2:29:33 PM
1710	8/20/2024	243020052	05-AU260R	2885871	Non-haz contaminated soil	Clean Earth of New Castle	3858658	28.9	2:33:12 PM
1711	8/20/2024	243020052	18 - AT878N	2885872	Non-haz contaminated soil	Clean Earth of New Castle	3858662	29.4	2:35:12 PM
1712	8/20/2024	243020052	39-AU605U	2885876	Non-haz contaminated soil	Clean Earth of New Castle	3858718	24.77	2:39:23 PM
1713	8/20/2024	243020052	03 - AT515L	2885874	Non-haz contaminated soil	Clean Earth of New Castle	3858762	24.62	2:46:57 PM
1714	8/20/2024	243020052	11-AZ374A	2885873	Non-haz contaminated soil	Clean Earth of New Castle	3858807	27.37	2:52:37 PM
1715	8/20/2024	243020052	55-AX227E	2885875	Non-haz contaminated soil	Clean Earth of New Castle	3858957	25	3:12:48 PM
1716	8/20/2024	243020052	33-AT781U	2885877	Non-haz contaminated soil	Clean Earth of New Castle	3859020	28.22	3:17:48 PM
1717	8/21/2024	243030008	08-AY847K	2889358	Non-haz contaminated soil	Clean Earth of Bethlehem	3856310	29.61	12:36:31 PM
1718	8/21/2024	243030008	77-AY760V	2889357	Non-haz contaminated soil	Clean Earth of Bethlehem	3862568	26.42	12:41:03 PM
1719	8/21/2024	243030008	28-AY671U	2889359	Non-haz contaminated soil	Clean Earth of Bethlehem	3862604	32.26	12:46:13 PM
1720	8/21/2024	243030008	51-AU674Y	2889362	Non-haz contaminated soil	Clean Earth of Bethlehem	3862741	21.92	1:03:08 PM
1721	8/21/2024	243030008	09-AX312S	2889361	Non-haz contaminated soil	Clean Earth of Bethlehem	3862774	22.31	1:08:38 PM
1722	8/21/2024	243030008	41-AU427R	2889360	Non-haz contaminated soil	Clean Earth of Bethlehem	3862837	25.47	1:16:02 PM
1723	8/21/2024	243030008	27-AU873D	2889364	Non-haz contaminated soil	Clean Earth of Bethlehem	3862937	26.12	1:34:47 PM
1724	8/21/2024	243030008	74-AY578E	2889367	Non-haz contaminated soil	Clean Earth of Bethlehem	3863002	30.4	1:40:52 PM
1725	8/21/2024	243030008	71-AX595U	2889363	Non-haz contaminated soil	Clean Earth of Bethlehem	3863015	28.7	1:44:10 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1726	8/21/2024	243030008	05-AZ207C	2889369	Non-haz contaminated soil	Clean Earth of Bethlehem	3863136	28.96	1:59:14 PM
1727	8/21/2024	243030008	72-AX596U	2889365	Non-haz contaminated soil	Clean Earth of Bethlehem	3863222	26.87	2:14:51 PM
1728	8/21/2024	243030008	68-AX210R	2889366	Non-haz contaminated soil	Clean Earth of Bethlehem	3863253	26.78	2:17:19 PM
1729	8/21/2024	243030008	06-AY375R	2889370	Non-haz contaminated soil	Clean Earth of Bethlehem	3863317	33	2:27:01 PM
1730	8/21/2024	243030008	52-AW840A	2889368	Non-haz contaminated soil	Clean Earth of Bethlehem	3863331	27.37	2:31:15 PM
1731	8/21/2024	243030008	03-AZ208C	2889372	Non-haz contaminated soil	Clean Earth of Bethlehem	3863363	27.76	2:40:25 PM
1732	8/21/2024	243030008	12-AZ583D	2889371	Non-haz contaminated soil	Clean Earth of Bethlehem	3863427	25.91	2:47:51 PM
1733	8/21/2024	243030008	03-AY400Z	2889373	Non-haz contaminated soil	Clean Earth of Bethlehem	3864036	29.67	3:48:51 PM
1734	8/22/2024	243030008	15-AW249J	2889374	Non-haz contaminated soil	Clean Earth of Bethlehem	3861885	29.44	8:38:03 AM
1735	8/22/2024	243030008	AW857D	2889376	Non-haz contaminated soil	Clean Earth of Bethlehem	3866111	25.32	10:26:46 AM
1736	8/22/2024	243030008	19-AT879N	2889375	Non-haz contaminated soil	Clean Earth of Bethlehem	3866115	26.96	10:29:14 AM
1737	8/22/2024	243030008	34-AU435J	2889350	Non-haz contaminated soil	Clean Earth of Bethlehem	3866132	26.75	10:32:07 AM
1738	8/22/2024	243030008	07-AW559L	2889352	Non-haz contaminated soil	Clean Earth of Bethlehem	3866171	25.74	10:36:51 AM
1739	8/22/2024	243030008	38-AU604U	2889349	Non-haz contaminated soil	Clean Earth of Bethlehem	3866248	28.61	10:48:42 AM
1740	8/22/2024	243030008	39-AU605U	2889351	Non-haz contaminated soil	Clean Earth of Bethlehem	3866332	26.44	10:54:05 AM
1741	8/22/2024	243030008	AS462U	2889353	Non-haz contaminated soil	Clean Earth of Bethlehem	3866393	24.42	11:04:12 AM
1742	8/22/2024	243030008	43-AZ361B	2889354	Non-haz contaminated soil	Clean Earth of Bethlehem	3866615	27.97	11:29:30 AM
1743	8/22/2024	243030008	54-AX226E	2889356	Non-haz contaminated soil	Clean Earth of Bethlehem	3866892	28.93	11:58:56 AM
1744	8/22/2024	243030008	37-AX384K	2889355	Non-haz contaminated soil	Clean Earth of Bethlehem	3866971	26.1	12:11:14 PM
1745	8/23/2024	243030008	04-AX177N	2889339	Non-haz contaminated soil	Clean Earth of Bethlehem	3865714	31.43	10:44:31 AM
1746	8/23/2024	243030008	03-AY553W	2889336	Non-haz contaminated soil	Clean Earth of Bethlehem	3870649	30.16	10:47:51 AM
1747	8/23/2024	243030008	02-AY704E	2889329	Non-haz contaminated soil	Clean Earth of Bethlehem	3870654	27.15	10:49:40 AM
1748	8/23/2024	243030008	58-AX385K	2889330	Non-haz contaminated soil	Clean Earth of Bethlehem	3870698	26.17	10:51:47 AM
1749	8/23/2024	243030008	59-AX932K	2889331	Non-haz contaminated soil	Clean Earth of Bethlehem	3870719	26.76	10:54:42 AM
1750	8/23/2024	243030008	02-AX260R	2889338	Non-haz contaminated soil	Clean Earth of Bethlehem	3870733	28.19	11:00:19 AM
1751	8/23/2024	243030008	29-AU809Y	2889348	Non-haz contaminated soil	Clean Earth of Bethlehem	3870746	25.48	11:02:23 AM
1752	8/23/2024	243030008	03-AW690L	2889334	Non-haz contaminated soil	Clean Earth of Bethlehem	3870807	27.6	11:13:50 AM
1753	8/23/2024	243030008	05-AW689L	2889332	Non-haz contaminated soil	Clean Earth of Bethlehem	3870810	27.72	11:15:33 AM
1754	8/23/2024	243030008	12-AZ375A	2889337	Non-haz contaminated soil	Clean Earth of Bethlehem	3870831	30.66	11:17:46 AM
1755	8/23/2024	243030008	09-AU692C	2889335	Non-haz contaminated soil	Clean Earth of Bethlehem	3871037	28.88	12:01:54 PM
1756	8/23/2024	243030008	16-AY707E	2889333	Non-haz contaminated soil	Clean Earth of Bethlehem	3871086	26.28	12:10:41 PM
1757	8/23/2024	243030008	24-AX329R	2889342	Non-haz contaminated soil	Clean Earth of Bethlehem	3871835	30.54	1:53:05 PM
1758	8/23/2024	243030008	05-AU260R	2889340	Non-haz contaminated soil	Clean Earth of Bethlehem	3871841	30.68	1:56:11 PM
1759	8/23/2024	243030008	30-AX330R	2889341	Non-haz contaminated soil	Clean Earth of Bethlehem	3871893	30.76	2:02:18 PM
1760	8/23/2024	243030008	03-AZ370A	2889343	Non-haz contaminated soil	Clean Earth of Bethlehem	3872052	36.17	2:22:04 PM
1761	8/23/2024	243030008	06-AY375R	2889345	Non-haz contaminated soil	Clean Earth of Bethlehem	3872098	32.1	2:29:06 PM
1762	8/23/2024	243030008	09-AZ372A	2889347	Non-haz contaminated soil	Clean Earth of Bethlehem	3872159	36.18	2:35:55 PM
1763	8/23/2024	243030008	08-AZ371A	2889344	Non-haz contaminated soil	Clean Earth of Bethlehem	3872174	32.55	2:39:47 PM
1764	8/23/2024	243030008	25-AU810Y	2889346	Non-haz contaminated soil	Clean Earth of Bethlehem	3872345	31.29	3:09:22 PM
1765	8/23/2024	243030008	03-AS420W	2889328	Non-haz contaminated soil	Clean Earth of Bethlehem	3872494	29.47	3:44:18 PM
1766	8/27/2024	243030008	61-AX286W	2889325	Non-haz contaminated soil	Clean Earth of Bethlehem	3873965	32.1	10:06:55 AM
1767	8/27/2024	243030008	53-AX457D	2889323	Non-haz contaminated soil	Clean Earth of Bethlehem	3878125	26.8	10:17:28 AM
1768	8/27/2024	243030008	50-AW645W	2889326	Non-haz contaminated soil	Clean Earth of Bethlehem	3878226	26.91	10:36:46 AM
1769	8/27/2024	243030008	54-AX226E	2889320	Non-haz contaminated soil	Clean Earth of Bethlehem	3878319	29.78	10:57:47 AM
1770	8/27/2024	243030008	59-AX932K	2889327	Non-haz contaminated soil	Clean Earth of Bethlehem	3878329	27.26	11:00:06 AM
1771	8/27/2024	243030008	03-AW544B	2889321	Non-haz contaminated soil	Clean Earth of Bethlehem	3878487	27.18	11:27:10 AM
1772	8/27/2024	243030008	43-AZ361B	2889322	Non-haz contaminated soil	Clean Earth of Bethlehem	3878500	28.64	11:29:29 AM
1773	8/27/2024	243030008	55-AX227E	2889318	Non-haz contaminated soil	Clean Earth of Bethlehem	3878517	29.35	11:33:55 AM
1774	8/27/2024	243030008	45-AZ362B	2889317	Non-haz contaminated soil	Clean Earth of Bethlehem	3878714	31.93	11:59:02 AM
1775	8/27/2024	243030008	51-AW463X	2889319	Non-haz contaminated soil	Clean Earth of Bethlehem	3878990	29.79	12:19:47 PM
1776	8/27/2024	243030008	21-AY399K	2889313	Non-haz contaminated soil	Clean Earth of Bethlehem	3879209	33.16	12:50:10 PM
1777	8/27/2024	243030008	30-AX330R	2889316	Non-haz contaminated soil	Clean Earth of Bethlehem	3879269	30.44	12:52:59 PM
1778	8/27/2024	243030008	32-AU195L	2889314	Non-haz contaminated soil	Clean Earth of Bethlehem	3879289	31.13	12:56:35 PM
1779	8/27/2024	243030008	02-AY704E	2889315	Non-haz contaminated soil	Clean Earth of Bethlehem	3879338	28.35	1:05:19 PM
1780	8/27/2024	243030008	57-AX229E	2889312	Non-haz contaminated soil	Clean Earth of Bethlehem	3879471	29.92	1:15:08 PM
1781	8/27/2024	243030008	03-AX385K	2889310	Non-haz contaminated soil	Clean Earth of Bethlehem	3879490	31.74	1:18:10 PM
1782	8/27/2024	243030008	48-AW643W	2889311	Non-haz contaminated soil	Clean Earth of Bethlehem	3879541	29.04	1:22:00 PM
1783	8/27/2024	243030008	46-AW727N	2889306	Non-haz contaminated soil	Clean Earth of Bethlehem	3879555	27.09	1:25:10 PM
1784	8/27/2024	243030008	25-AU810Y	2889307	Non-haz contaminated soil	Clean Earth of Bethlehem	3879597	27.15	1:33:54 PM
1785	8/27/2024	243030008	14-AW733R	2889309	Non-haz contaminated soil	Clean Earth of Bethlehem	3879752	26.3	1:58:49 PM
1786	8/27/2024	243030008	24-AW734R	2889308	Non-haz contaminated soil	Clean Earth of Bethlehem	3879765	28.68	2:01:33 PM
1787	8/27/2024	243030008	03-AW690L	2889262	Non-haz contaminated soil	Clean Earth of Bethlehem	3879805	30.89	2:10:58 PM
1788	8/27/2024	243030008	16-AX260R	2889266	Non-haz contaminated soil	Clean Earth of Bethlehem	3879898	27.88	2:16:39 PM
1789	8/27/2024	243030008	12-AY995C	2889263	Non-haz contaminated soil	Clean Earth of Bethlehem	3879906	30.53	2:19:27 PM
1790	8/27/2024	243030008	24-AX329R	2889264	Non-haz contaminated soil	Clean Earth of Bethlehem	3879915	30.02	2:22:03 PM
1791	8/27/2024	243030008	05-AW689L	2889267	Non-haz contaminated soil	Clean Earth of Bethlehem	3879937	27.38	2:26:58 PM
1792	8/27/2024	243030008	04-AY689J	2889268	Non-haz contaminated soil	Clean Earth of Bethlehem	3880042	27.96	2:45:08 PM
1793	8/27/2024	243030008	AU421C	2889265	Non-haz contaminated soil	Clean Earth of Bethlehem	3880086	28.74	2:49:25 PM
1794	8/27/2024	243030008	04-AY705E	2889269	Non-haz contaminated soil	Clean Earth of Bethlehem	3880436	23.38	3:39:47 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1795	8/27/2024	243030008	03-AY740Y	2889270	Non-haz contaminated soil	Clean Earth of Bethlehem	3880522	30.76	3:50:24 PM
1796	8/28/2024	243030008	53-AX457D	2889271	Non-haz contaminated soil	Clean Earth of Bethlehem	3878301	21.59	9:52:53 AM
1797	8/28/2024	243030008	30-AZ360B	2889272	Non-haz contaminated soil	Clean Earth of Bethlehem	3882341	27.09	10:12:14 AM
1798	8/28/2024	243030008	61-AX286W	2889274	Non-haz contaminated soil	Clean Earth of Bethlehem	3882349	22.93	10:15:23 AM
1799	8/28/2024	243030008	39-AU605U	2889277	Non-haz contaminated soil	Clean Earth of Bethlehem	3882520	22.29	10:47:00 AM
1800	8/28/2024	243030008	03-AW645J	2889273	Non-haz contaminated soil	Clean Earth of Bethlehem	3882561	23.33	10:53:57 AM
1801	8/28/2024	243030008	59-AX932K	2889275	Non-haz contaminated soil	Clean Earth of Bethlehem	3882688	23.49	11:15:47 AM
1802	8/28/2024	243030008	33-AT781U	2889276	Non-haz contaminated soil	Clean Earth of Bethlehem	3882722	23	11:18:11 AM
1803	8/28/2024	243020038	51-AW463X	2916185	Non-haz contaminated soil	Clean Earth of New Castle	3878442	22.62	11:30:25 AM
1804	8/28/2024	243030008	47-AW728N	2889278	Non-haz contaminated soil	Clean Earth of Bethlehem	3882916	21.34	11:40:10 AM
1805	8/28/2024	243030008	42-AW544B	2889279	Non-haz contaminated soil	Clean Earth of Bethlehem	3882951	15.17	11:50:01 AM
1806	8/28/2024	243030008	55-AX227E	2889280	Non-haz contaminated soil	Clean Earth of Bethlehem	3883043	22.74	12:02:41 PM
1807	8/28/2024	243030008	03-AY740Y	2889281	Non-haz contaminated soil	Clean Earth of Bethlehem	3883189	23.55	12:19:55 PM
1808	8/28/2024	243030008	02-AY704E	2889284	Non-haz contaminated soil	Clean Earth of Bethlehem	3883288	22.87	12:22:18 PM
1809	8/28/2024	243030008	25-AU810Y	2889282	Non-haz contaminated soil	Clean Earth of Bethlehem	3883301	23.77	12:25:28 PM
1810	8/28/2024	243030008	09-AU692C	2889283	Non-haz contaminated soil	Clean Earth of Bethlehem	3883337	25.06	12:27:37 PM
1811	8/28/2024	243030008	68-AW848H	2889285	Non-haz contaminated soil	Clean Earth of Bethlehem	3883345	22.04	12:29:44 PM
1812	8/28/2024	243030008	32-AU195L	2889286	Non-haz contaminated soil	Clean Earth of Bethlehem	3883746	18.97	1:24:55 PM
1813	8/28/2024	243030008	05-AW680J	2889287	Non-haz contaminated soil	Clean Earth of Bethlehem	3883772	22.89	1:29:40 PM
1814	8/28/2024	243030008	24-AX329R	2889290	Non-haz contaminated soil	Clean Earth of Bethlehem	3884072	27.38	2:15:17 PM
1815	8/28/2024	243030008	16-AY707E	2889288	Non-haz contaminated soil	Clean Earth of Bethlehem	3884151	25.71	2:18:07 PM
1816	8/28/2024	243030008	21-AY399K	2889289	Non-haz contaminated soil	Clean Earth of Bethlehem	3884182	30.38	2:21:01 PM
1817	8/28/2024	243030008	56-AX228E	2889324	Non-haz contaminated soil	Clean Earth of Bethlehem	3884430	27.65	2:56:51 PM
1818	8/29/2024	243020052	14-AW733R	2912650	Non-haz contaminated soil	Clean Earth of New Castle	3884505	30.24	7:27:40 AM
1819	8/29/2024	243030008	24-AW734R	2889291	Non-haz contaminated soil	Clean Earth of Bethlehem	3886133	28.65	9:01:17 AM
1820	9/3/2024	243100018	48 - AW643W	3044140	Non-haz contaminated soil	Clean Earth of Philadelphia	3890899	24.11	10:32:54 AM
1821	9/3/2024	243100018	59 - AX932K	3044138	Non-haz contaminated soil	Clean Earth of Philadelphia	3894453	20.41	10:33:27 AM
1822	9/3/2024	243100018	53 - AX457D	3044141	Non-haz contaminated soil	Clean Earth of Philadelphia	3894455	21.19	10:34:04 AM
1823	9/3/2024	243100018	17 - AT517L	3044131	Non-haz contaminated soil	Clean Earth of Philadelphia	3894468	27.54	10:42:01 AM
1824	9/3/2024	243100018	58 - AX385K	3044137	Non-haz contaminated soil	Clean Earth of Philadelphia	3894484	25.38	10:50:15 AM
1825	9/3/2024	243100018	46 - AW727N	3044135	Non-haz contaminated soil	Clean Earth of Philadelphia	3894492	20.91	10:53:33 AM
1826	9/3/2024	243100018	34 - AU435J	3044139	Non-haz contaminated soil	Clean Earth of Philadelphia	3894495	22.27	10:55:06 AM
1827	9/3/2024	243100018	57 - AX229E	3044136	Non-haz contaminated soil	Clean Earth of Philadelphia	3894499	22	11:00:49 AM
1828	9/3/2024	243100018	73 - AY186A	3044130	Non-haz contaminated soil	Clean Earth of Philadelphia	3894605	21.55	11:19:23 AM
1829	9/3/2024	243100018	77 - AY760V	3044134	Non-haz contaminated soil	Clean Earth of Philadelphia	3894657	22.24	11:34:07 AM
1830	9/3/2024	243100018	19 - AT879N	3044132	Non-haz contaminated soil	Clean Earth of Philadelphia	3894706	18.2	11:49:08 AM
1831	9/3/2024	243100018	37 - AU521N	3044133	Non-haz contaminated soil	Clean Earth of Philadelphia	3894760	18.71	12:05:30 PM
1832	9/3/2024	243070409	59-AX932K	2909352	Non-haz contaminated soil	Clean Earth of Carteret	3890955	23.29	3:31:10 PM
1833	9/3/2024	243070409	53-AX457D	2909351	Non-haz contaminated soil	Clean Earth of Carteret	3896683	22.05	3:35:44 PM
1834	9/3/2024	243070409	48-AW643W	2909353	Non-haz contaminated soil	Clean Earth of Carteret	3896730	24.93	3:42:33 PM
1835	9/3/2024	243070409	46-AW727N	2909355	Non-haz contaminated soil	Clean Earth of Carteret	3896769	25.47	3:49:35 PM
1836	9/3/2024	243070409	57-AX229E	2909356	Non-haz contaminated soil	Clean Earth of Carteret	3896782	27.49	3:53:01 PM
1837	9/3/2024	243070409	58-AX385R	2909354	Non-haz contaminated soil	Clean Earth of Carteret	3896820	25.69	4:03:01 PM
1838	9/5/2024	243030008	03-AZ208C	2889226	Non-haz contaminated soil	Clean Earth of Bethlehem	3898398	31.65	10:07:09 AM
1839	9/5/2024	243030008	14-AY400Z	2889227	Non-haz contaminated soil	Clean Earth of Bethlehem	3903883	37.01	10:31:35 AM
1840	9/5/2024	243030008	15-AW249J	2889229	Non-haz contaminated soil	Clean Earth of Bethlehem	3903922	33.52	10:41:30 AM
1841	9/5/2024	243030008	12-AZ583D	2889228	Non-haz contaminated soil	Clean Earth of Bethlehem	3903927	34.23	10:44:21 AM
1842	9/5/2024	243030008	49-AW644W	2889230	Non-haz contaminated soil	Clean Earth of Bethlehem	3903990	31.38	10:57:14 AM
1843	9/5/2024	243030008	47-AW728N	2889231	Non-haz contaminated soil	Clean Earth of Bethlehem	3904269	32.27	11:21:23 AM
1844	9/5/2024	243030008	52-AW462X	2889232	Non-haz contaminated soil	Clean Earth of Bethlehem	3904276	33.8	11:24:01 AM
1845	9/5/2024	243030008	26-AZ462C	2889233	Non-haz contaminated soil	Clean Earth of Bethlehem	3904310	28.69	11:27:07 AM
1846	9/5/2024	243030008	61-AX286W	2889234	Non-haz contaminated soil	Clean Earth of Bethlehem	3904973	31.1	12:33:29 PM
1847	9/5/2024	243030008	40-AU606U	2889235	Non-haz contaminated soil	Clean Earth of Bethlehem	3905389	31.33	1:21:56 PM
1848	9/5/2024	243030008	44-AW725N	2889237	Non-haz contaminated soil	Clean Earth of Bethlehem	3905437	31.69	1:29:23 PM
1849	9/5/2024	243030008	60-AX287W	2889238	Non-haz contaminated soil	Clean Earth of Bethlehem	3905483	31.74	1:31:49 PM
1850	9/5/2024	243030008	02-AY704E	2889236	Non-haz contaminated soil	Clean Earth of Bethlehem	3905548	31.67	1:41:27 PM
1851	9/5/2024	243030008	03-AW690L	2889240	Non-haz contaminated soil	Clean Earth of Bethlehem	3905593	30.12	1:49:16 PM
1852	9/5/2024	243030008	56-AX228E	2889239	Non-haz contaminated soil	Clean Earth of Bethlehem	3905730	31.06	2:14:38 PM
1853	9/5/2024	243030008	48-AW643W	2889241	Non-haz contaminated soil	Clean Earth of Bethlehem	3905823	30.71	2:24:12 PM
1854	9/5/2024	243030008	05-AW689L	2889258	Non-haz contaminated soil	Clean Earth of Bethlehem	3905898	29.89	2:35:46 PM
1855	9/5/2024	243030008	55-AX227E	2889261	Non-haz contaminated soil	Clean Earth of Bethlehem	3905920	28.53	2:38:15 PM
1856	9/5/2024	243030008	08-AZ183A	2889260	Non-haz contaminated soil	Clean Earth of Bethlehem	3905934	30	2:40:34 PM
1857	9/5/2024	243030008	16-AY707E	2889259	Non-haz contaminated soil	Clean Earth of Bethlehem	3906214	31.74	3:02:03 PM
1858	9/5/2024	243030008	09-AU692C	2889242	Non-haz contaminated soil	Clean Earth of Bethlehem	3906576	32.2	3:50:19 PM
1859	9/5/2024	243030008	25-AU810Y	2889244	Non-haz contaminated soil	Clean Earth of Bethlehem	3906623	31.36	4:04:55 PM
1860	9/5/2024	243030008	48-AX790U	2889243	Non-haz contaminated soil	Clean Earth of Bethlehem	3906660	30.43	4:07:30 PM
1861	9/6/2024	243100018	06 - AY375R	3044113	Non-haz contaminated soil	Clean Earth of Philadelphia	3904221	29.02	10:26:58 AM
1862	9/6/2024	243100018	09 - AZ372A	3044114	Non-haz contaminated soil	Clean Earth of Philadelphia	3909156	31.95	10:31:26 AM
1863	9/6/2024	243100018	10-AZ373A	3044109	Non-haz contaminated soil	Clean Earth of Philadelphia	3909158	31.89	10:31:58 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1864	9/6/2024	243100018	NJ - AV927B	3044110	Non-haz contaminated soil	Clean Earth of Philadelphia	3909220	31.88	10:45:48 AM
1865	9/6/2024	243100018	05 - AY391G	3044115	Non-haz contaminated soil	Clean Earth of Philadelphia	3909245	31.49	10:54:57 AM
1866	9/6/2024	243100018	08-AZ371A	3044116	Non-haz contaminated soil	Clean Earth of Philadelphia	3909277	28.14	10:57:48 AM
1867	9/6/2024	243100018	45-AZ362B	3044118	Non-haz contaminated soil	Clean Earth of Philadelphia	3909820	32.42	12:15:16 PM
1868	9/6/2024	243030008	05-AW689L	2889247	Non-haz contaminated soil	Clean Earth of Bethlehem	3904216	23.62	12:42:47 PM
1869	9/6/2024	243030008	68-AW848H	2889245	Non-haz contaminated soil	Clean Earth of Bethlehem	3910020	27.05	12:45:52 PM
1870	9/6/2024	243030008	16-AX260R	2889249	Non-haz contaminated soil	Clean Earth of Bethlehem	3910057	20.23	12:52:56 PM
1871	9/6/2024	243030008	03-AY740Y	2889248	Non-haz contaminated soil	Clean Earth of Bethlehem	3910071	23.34	12:55:45 PM
1872	9/6/2024	243030008	02-AY704E	2889246	Non-haz contaminated soil	Clean Earth of Bethlehem	3910086	23.75	12:58:27 PM
1873	9/6/2024	243030008	21-AY399K	2889250	Non-haz contaminated soil	Clean Earth of Bethlehem	3910093	28.98	1:01:26 PM
1874	9/6/2024	243100018	51 - AW463X	3044119	Non-haz contaminated soil	Clean Earth of Philadelphia	3910192	30.78	1:20:37 PM
1875	9/6/2024	243100018	46 - AW727N	3044121	Non-haz contaminated soil	Clean Earth of Philadelphia	3910198	29.42	1:21:47 PM
1876	9/6/2024	243100018	53 - AX457D	3044120	Non-haz contaminated soil	Clean Earth of Philadelphia	3910283	30.64	1:33:20 PM
1877	9/6/2024	243100018	58 - AX385K	3044122	Non-haz contaminated soil	Clean Earth of Philadelphia	3910300	29.98	1:34:07 PM
1878	9/6/2024	243030008	16-AY707E	2889257	Non-haz contaminated soil	Clean Earth of Bethlehem	3910533	27.82	1:41:34 PM
1879	9/6/2024	243030008	32-AU195L	2889251	Non-haz contaminated soil	Clean Earth of Bethlehem	3910549	26.81	1:43:50 PM
1880	9/6/2024	243030008	25-AU810Y	2889252	Non-haz contaminated soil	Clean Earth of Bethlehem	3910564	26.77	1:45:58 PM
1881	9/6/2024	243030008	04-AY705E	2889256	Non-haz contaminated soil	Clean Earth of Bethlehem	3910667	32.4	2:01:57 PM
1882	9/6/2024	243100018	49 - AW644W	3044123	Non-haz contaminated soil	Clean Earth of Philadelphia	3910845	35.66	2:32:35 PM
1883	9/6/2024	243100018	52 - AW462X	3044125	Non-haz contaminated soil	Clean Earth of Philadelphia	3910846	31.34	2:33:01 PM
1884	9/6/2024	243030008	48-AX790V	2889220	Non-haz contaminated soil	Clean Earth of Bethlehem	3910847	31.07	2:33:19 PM
1885	9/6/2024	243030008	47-AW728N	2889221	Non-haz contaminated soil	Clean Earth of Bethlehem	3910875	29.91	2:36:55 PM
1886	9/6/2024	243100018	57 - AX229E	3044129	Non-haz contaminated soil	Clean Earth of Philadelphia	3910892	30.87	2:39:49 PM
1887	9/6/2024	243100018	48 - AW643W	3044124	Non-haz contaminated soil	Clean Earth of Philadelphia	3910896	31.89	2:40:20 PM
1888	9/6/2024	243030008	24-AX329R	2889224	Non-haz contaminated soil	Clean Earth of Bethlehem	3911004	31.24	3:01:17 PM
1889	9/6/2024	243030008	30-AX330R	2889225	Non-haz contaminated soil	Clean Earth of Bethlehem	3911045	29.69	3:11:56 PM
1890	9/9/2024	243030008	44-AY740Y	2889254	Non-haz contaminated soil	Clean Earth of Bethlehem	3909226	27.53	10:37:12 AM
1891	9/9/2024	243030008	06-AY664G	2889255	Non-haz contaminated soil	Clean Earth of Bethlehem	3914509	33.07	10:42:36 AM
1892	9/9/2024	243030008	08-AY584R	2889223	Non-haz contaminated soil	Clean Earth of Bethlehem	3914515	29.64	10:44:28 AM
1893	9/9/2024	243020038	09-AZ372A	2916184	Non-haz contaminated soil	Clean Earth of New Castle	3910981	29.04	11:15:15 AM
1894	9/9/2024	243030008	05-AY391G	2889214	Non-haz contaminated soil	Clean Earth of Bethlehem	3914746	27.3	11:19:23 AM
1895	9/9/2024	243030008	02-AY704E	2889222	Non-haz contaminated soil	Clean Earth of Bethlehem	3914756	29.52	11:23:51 AM
1896	9/9/2024	243030008	05-AW689L	2889219	Non-haz contaminated soil	Clean Earth of Bethlehem	3914759	30.18	11:25:50 AM
1897	9/9/2024	243030008	07-AY998C	2889218	Non-haz contaminated soil	Clean Earth of Bethlehem	3914766	30.64	11:28:12 AM
1898	9/9/2024	243030008	04-AX917D	2889216	Non-haz contaminated soil	Clean Earth of Bethlehem	3914771	30.2	11:30:20 AM
1899	9/9/2024	243030008	26-AX260R	2889215	Non-haz contaminated soil	Clean Earth of Bethlehem	3914848	23.52	11:42:53 AM
1900	9/9/2024	243030008	08-AY706E	2889217	Non-haz contaminated soil	Clean Earth of Bethlehem	3914851	26.32	11:44:56 AM
1901	9/9/2024	243030008	13-AY903R	2889212	Non-haz contaminated soil	Clean Earth of Bethlehem	3914858	26	11:46:54 AM
1902	9/9/2024	243030008	10-AY707E	2889253	Non-haz contaminated soil	Clean Earth of Bethlehem	3914862	28.46	11:49:11 AM
1903	9/9/2024	243030008	21-AY399K	2889213	Non-haz contaminated soil	Clean Earth of Bethlehem	3914888	30.95	11:59:06 AM
1904	9/9/2024	243030008	12-AZ583D	2889211	Non-haz contaminated soil	Clean Earth of Bethlehem	3915230	28.3	12:28:10 PM
1905	9/9/2024	243030008	08-AZ183A	2889210	Non-haz contaminated soil	Clean Earth of Bethlehem	3916482	27.36	2:51:01 PM
1906	9/9/2024	243030008	26-AZ462C	2889209	Non-haz contaminated soil	Clean Earth of Bethlehem	3916603	30.71	2:59:44 PM
1907	9/9/2024	243030008	10-AZ208C	2889208	Non-haz contaminated soil	Clean Earth of Bethlehem	3916870	30.5	3:47:51 PM
1908	9/9/2024	243030008	03-AZ206C	2889191	Non-haz contaminated soil	Clean Earth of Bethlehem	3916999	31.58	4:20:18 PM
1909	9/10/2024	243030008	16-AX462J	2889190	Non-haz contaminated soil	Clean Earth of Bethlehem	3918499	30.9	7:28:35 AM
1910	9/12/2024	243030008	21-AY399K	2961897	Non-haz contaminated soil	Clean Earth of Bethlehem	3918769	29.59	10:39:33 AM
1911	9/12/2024	243030008	11-AY976M	2961901	Non-haz contaminated soil	Clean Earth of Bethlehem	3928913	33.97	10:50:58 AM
1912	9/12/2024	243030008	12-AY447R	2961896	Non-haz contaminated soil	Clean Earth of Bethlehem	3928970	34.66	10:53:19 AM
1913	9/12/2024	243030008	09-AX378P	2961899	Non-haz contaminated soil	Clean Earth of Bethlehem	3929077	31.19	10:58:37 AM
1914	9/12/2024	243030008	08-AY975M	2961900	Non-haz contaminated soil	Clean Earth of Bethlehem	3929147	33.54	11:00:50 AM
1915	9/12/2024	243030008	01-AY769Z	2961898	Non-haz contaminated soil	Clean Earth of Bethlehem	3929224	32.19	11:04:59 AM
1916	9/12/2024	243030008	29-AY902M	2961891	Non-haz contaminated soil	Clean Earth of Bethlehem	3929326	31.77	11:12:56 AM
1917	9/12/2024	243030008	08-AY706E	2961894	Non-haz contaminated soil	Clean Earth of Bethlehem	3929795	31.16	11:34:16 AM
1918	9/12/2024	243030008	31-AU807Y	2961889	Non-haz contaminated soil	Clean Earth of Bethlehem	3929897	29.84	11:36:35 AM
1919	9/12/2024	243030008	08-AY584R	2961884	Non-haz contaminated soil	Clean Earth of Bethlehem	3930123	30.38	11:43:33 AM
1920	9/12/2024	243030008	03-AY996C	2961890	Non-haz contaminated soil	Clean Earth of Bethlehem	3930265	29.65	11:49:37 AM
1921	9/12/2024	243030008	06-AX248Z	2961892	Non-haz contaminated soil	Clean Earth of Bethlehem	3930339	31.44	11:51:44 AM
1922	9/12/2024	243030008	03-AX680W	2961893	Non-haz contaminated soil	Clean Earth of Bethlehem	3930575	32.24	11:58:27 AM
1923	9/12/2024	243030008	68-AW848H	2961895	Non-haz contaminated soil	Clean Earth of Bethlehem	3930704	31.31	12:03:27 PM
1924	9/12/2024	243030008	04-AZ215A	2961882	Non-haz contaminated soil	Clean Earth of Bethlehem	3930720	33.81	12:06:13 PM
1925	9/12/2024	243030008	02-AX564M	2961887	Non-haz contaminated soil	Clean Earth of Bethlehem	3930731	31.02	12:08:35 PM
1926	9/12/2024	243030008	28-AY671U	2961888	Non-haz contaminated soil	Clean Earth of Bethlehem	3930968	32.47	12:22:36 PM
1927	9/12/2024	243030008	04-AX917D	2961886	Non-haz contaminated soil	Clean Earth of Bethlehem	3930997	33.07	12:25:13 PM
1928	9/12/2024	243030008	07-AY988C	2961880	Non-haz contaminated soil	Clean Earth of Bethlehem	3931034	35.29	12:30:46 PM
1929	9/12/2024	243030008	44-AY740Y	2961881	Non-haz contaminated soil	Clean Earth of Bethlehem	3931278	29.14	12:54:31 PM
1930	9/12/2024	243030008	14-AW733R	2961885	Non-haz contaminated soil	Clean Earth of Bethlehem	3931377	32.33	1:00:48 PM
1931	9/12/2024	243030008	01-AU206H	2961878	Non-haz contaminated soil	Clean Earth of Bethlehem	3931408	33.34	1:07:46 PM
1932	9/12/2024	243030008	01-AU421C	2961879	Non-haz contaminated soil	Clean Earth of Bethlehem	3931576	32.51	1:24:56 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
1933	9/12/2024	243030008	04-AY705E	2961876	Non-haz contaminated soil	Clean Earth of Bethlehem	3932307	28.53	2:45:25 PM
1934	9/12/2024	243030008	50-AW645W	2961875	Non-haz contaminated soil	Clean Earth of Bethlehem	3932373	28.56	2:53:17 PM
1935	9/12/2024	243030008	56-AX228E	2961877	Non-haz contaminated soil	Clean Earth of Bethlehem	3932384	30.5	2:55:18 PM
1936	9/12/2024	243030008	59-AX932K	2961874	Non-haz contaminated soil	Clean Earth of Bethlehem	3932443	28.44	3:02:42 PM
1937	9/12/2024	243030008	51-AW463X	2961873	Non-haz contaminated soil	Clean Earth of Bethlehem	3932471	27.5	3:06:54 PM
1938	9/12/2024	243030008	03-AY400Z	2961872	Non-haz contaminated soil	Clean Earth of Bethlehem	3932475	32.5	3:09:10 PM
1939	9/12/2024	243030008	15-AW249J	2961871	Non-haz contaminated soil	Clean Earth of Bethlehem	3932611	32.17	3:22:03 PM
1940	9/12/2024	243030008	02-AZ584D	2961854	Non-haz contaminated soil	Clean Earth of Bethlehem	3932845	24.99	3:53:16 PM
1941	9/12/2024	243030008	10-AZ208C	2961855	Non-haz contaminated soil	Clean Earth of Bethlehem	3932862	24.18	3:55:45 PM
1942	9/12/2024	243030008	12-AZ583D	2961853	Non-haz contaminated soil	Clean Earth of Bethlehem	3932938	26.96	4:04:28 PM
1943	9/12/2024	243030008	01-AZ932A	2961856	Non-haz contaminated soil	Clean Earth of Bethlehem	3933118	25.15	4:23:50 PM
1944	9/13/2024	243030008	08-AZ183A	2961861	Non-haz contaminated soil	Clean Earth of Bethlehem	3920112	29.49	7:06:53 AM
1945	9/13/2024	243030008	11-AW251J	2961862	Non-haz contaminated soil	Clean Earth of Bethlehem	3933999	33.55	7:10:30 AM
1946	9/13/2024	243030008	26-AZ462C	2961860	Non-haz contaminated soil	Clean Earth of Bethlehem	3934000	31.16	7:13:21 AM
1947	9/13/2024	243030008	30-AX330R	2961857	Non-haz contaminated soil	Clean Earth of Bethlehem	3934005	29.26	7:16:06 AM
1948	9/13/2024	243030008	08-AY975M	2961870	Non-haz contaminated soil	Clean Earth of Bethlehem	3934675	35.73	10:02:31 AM
1949	9/13/2024	243030008	06-AX916L	2961859	Non-haz contaminated soil	Clean Earth of Bethlehem	3934774	33.26	10:16:24 AM
1950	9/13/2024	243030008	10-AX975Y	2961858	Non-haz contaminated soil	Clean Earth of Bethlehem	3934780	32.33	10:18:48 AM
1951	9/13/2024	243030008	03-AX377P	2961867	Non-haz contaminated soil	Clean Earth of Bethlehem	3934819	32.76	10:26:52 AM
1952	9/13/2024	243030008	21-AY399K	2961869	Non-haz contaminated soil	Clean Earth of Bethlehem	3934826	32.73	10:29:19 AM
1953	9/13/2024	243020038	55-AX227E	2916182	Non-haz contaminated soil	Clean Earth of New Castle	3928932	9.83	10:54:50 AM
1954	9/13/2024	243030008	42-AZ988E	2961868	Non-haz contaminated soil	Clean Earth of Bethlehem	3935184	29.34	11:14:32 AM
1955	9/13/2024	243030008	68-AW848H	2961801	Non-haz contaminated soil	Clean Earth of Bethlehem	3935198	28.54	11:16:05 AM
1956	9/13/2024	243030008	11-AZ274E	2961803	Non-haz contaminated soil	Clean Earth of Bethlehem	3935210	29.37	11:20:11 AM
1957	9/13/2024	243030008	02-AY704E	2961802	Non-haz contaminated soil	Clean Earth of Bethlehem	3935235	32.25	11:26:25 AM
1958	9/13/2024	243030008	08-AY584R	2961804	Non-haz contaminated soil	Clean Earth of Bethlehem	3935370	31.12	11:48:58 AM
1959	9/13/2024	243030008	08-AY706E	2961807	Non-haz contaminated soil	Clean Earth of Bethlehem	3935391	26.42	11:55:18 AM
1960	9/13/2024	243030008	01-AW911Z	2961806	Non-haz contaminated soil	Clean Earth of Bethlehem	3935508	30.25	12:08:31 PM
1961	9/13/2024	243030008	02-AY671N	2961810	Non-haz contaminated soil	Clean Earth of Bethlehem	3935516	31.16	12:10:50 PM
1962	9/13/2024	243030008	29-AY902M	2961819	Non-haz contaminated soil	Clean Earth of Bethlehem	3935536	32.72	12:15:59 PM
1963	9/13/2024	243030008	28-AY671U	2961811	Non-haz contaminated soil	Clean Earth of Bethlehem	3935556	31.43	12:21:24 PM
1964	9/13/2024	243030008	08-AY847K	2961809	Non-haz contaminated soil	Clean Earth of Bethlehem	3935624	32.43	12:26:51 PM
1965	9/13/2024	243030008	02-AY379Z	2961817	Non-haz contaminated soil	Clean Earth of Bethlehem	3935628	32.58	12:29:11 PM
1966	9/13/2024	243030008	06-AY664G	2961808	Non-haz contaminated soil	Clean Earth of Bethlehem	3935655	31.1	12:34:23 PM
1967	9/13/2024	243030008	04-AX917D	2961814	Non-haz contaminated soil	Clean Earth of Bethlehem	3935671	32.21	12:36:58 PM
1968	9/13/2024	243030008	07-AY988C	2961815	Non-haz contaminated soil	Clean Earth of Bethlehem	3935676	33.6	12:39:32 PM
1969	9/13/2024	243030008	01-AY321N	2961816	Non-haz contaminated soil	Clean Earth of Bethlehem	3935700	32.33	12:45:25 PM
1970	9/13/2024	243030008	14-AW733R	2961805	Non-haz contaminated soil	Clean Earth of Bethlehem	3935829	29.35	12:57:40 PM
1971	9/13/2024	243030008	31-AU807Y	2961818	Non-haz contaminated soil	Clean Earth of Bethlehem	3935834	31.33	12:59:49 PM
1972	9/13/2024	243030008	04-AZ215A	2961812	Non-haz contaminated soil	Clean Earth of Bethlehem	3935908	32.73	1:14:57 PM
1973	9/13/2024	243030008	02-AX564M	2961813	Non-haz contaminated soil	Clean Earth of Bethlehem	3935947	30.78	1:19:44 PM
1974	9/13/2024	243030008	01-AY769Z	2961820	Non-haz contaminated soil	Clean Earth of Bethlehem	3936242	33.63	2:10:00 PM
1975	9/13/2024	243030008	04-AX436X	2961823	Non-haz contaminated soil	Clean Earth of Bethlehem	3936470	33.42	2:28:52 PM
1976	9/13/2024	243030008	09-AX378P	2961821	Non-haz contaminated soil	Clean Earth of Bethlehem	3936516	37.35	2:36:25 PM
1977	9/13/2024	243030008	03-AY511B	2961822	Non-haz contaminated soil	Clean Earth of Bethlehem	3936519	33.31	2:38:36 PM
1978	9/13/2024	243030008	02-AY694C	2961826	Non-haz contaminated soil	Clean Earth of Bethlehem	3936528	36.98	2:41:19 PM
1979	9/13/2024	243030008	12-AY447R	2961824	Non-haz contaminated soil	Clean Earth of Bethlehem	3936555	37.34	2:43:37 PM
1980	9/13/2024	243030008	11-AY976M	2961825	Non-haz contaminated soil	Clean Earth of Bethlehem	3936560	38.91	2:46:03 PM
1981	9/13/2024	243030008	30-AX330R	2961828	Non-haz contaminated soil	Clean Earth of Bethlehem	3936636	35.72	3:02:42 PM
1982	9/13/2024	243030008	02-AU750G	2961827	Non-haz contaminated soil	Clean Earth of Bethlehem	3936749	34.04	3:15:43 PM
1983	9/13/2024	243030008	01-AX845D	2961829	Non-haz contaminated soil	Clean Earth of Bethlehem	3936966	32.21	3:26:53 PM
1984	9/13/2024	243030008	05-AZ207C	2961831	Non-haz contaminated soil	Clean Earth of Bethlehem	3936994	31.56	3:37:18 PM
1985	9/16/2024	243030008	12-AZ583D	2961832	Non-haz contaminated soil	Clean Earth of Bethlehem	3928402	28.91	7:07:55 AM
1986	9/16/2024	243030008	02-AZ584D	2961833	Non-haz contaminated soil	Clean Earth of Bethlehem	3939504	29.68	7:10:34 AM
1987	9/16/2024	243030008	21-AY399K	2961834	Non-haz contaminated soil	Clean Earth of Bethlehem	3939516	31.13	7:15:19 AM
1988	9/16/2024	243030008	03-AZ208C	2961835	Non-haz contaminated soil	Clean Earth of Bethlehem	3939520	30.52	7:20:22 AM
1989	9/16/2024	243030008	01-AZ932A	2961830	Non-haz contaminated soil	Clean Earth of Bethlehem	3939522	27.7	7:22:58 AM
1990	9/16/2024	243030008	05-AZ207C	2961798	Non-haz contaminated soil	Clean Earth of Bethlehem	3940165	29.96	10:26:35 AM
1991	9/16/2024	243030008	21-AY399K	2961796	Non-haz contaminated soil	Clean Earth of Bethlehem	3940174	34.64	10:28:36 AM
1992	9/16/2024	243030008		2961793	Non-haz contaminated soil	Clean Earth of Bethlehem	3940295	35.4	10:44:07 AM
1993	9/16/2024	243030008		2961797	Non-haz contaminated soil	Clean Earth of Bethlehem	3940314	29.32	10:48:34 AM
1994	9/16/2024	243030008	56-AX228E	2961791	Non-haz contaminated soil	Clean Earth of Bethlehem	3940330	30.07	10:50:39 AM
1995	9/16/2024	243030008	58-AX385K	2961795	Non-haz contaminated soil	Clean Earth of Bethlehem	3940494	31.97	11:07:03 AM
1996	9/16/2024	243030008	16-AY707E	2961794	Non-haz contaminated soil	Clean Earth of Bethlehem	3940636	32.51	11:25:14 AM
1997	9/16/2024	243030008	03-AY996C	2961789	Non-haz contaminated soil	Clean Earth of Bethlehem	3940665	29.77	11:27:35 AM
1998	9/16/2024	243030008	02-AX564M	2961799	Non-haz contaminated soil	Clean Earth of Bethlehem	3940695	30.27	11:36:52 AM
1999	9/16/2024	243030008	11-AZ274E	2961792	Non-haz contaminated soil	Clean Earth of Bethlehem	3940831	31.71	11:50:15 AM
2000	9/16/2024	243030008	01-AZ932A	2961800	Non-haz contaminated soil	Clean Earth of Bethlehem	3940861	27.12	11:55:48 AM
2001	9/16/2024	243030008	08-AY847K	2961788	Non-haz contaminated soil	Clean Earth of Bethlehem	3940872	31.53	11:58:18 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
2002	9/16/2024	243030008	01-AY234C	2961786	Non-haz contaminated soil	Clean Earth of Bethlehem	3941049	33.17	12:25:35 PM
2003	9/16/2024	243030008		2961790	Non-haz contaminated soil	Clean Earth of Bethlehem	3941062	28.81	12:30:12 PM
2004	9/16/2024	243030008	51-AW463X	2961787	Non-haz contaminated soil	Clean Earth of Bethlehem	3941077	31.8	12:32:32 PM
2005	9/16/2024	243030008	04-AY705E	2961782	Non-haz contaminated soil	Clean Earth of Bethlehem	3941197	32.24	12:49:38 PM
2006	9/16/2024	243030008	01-AW911Z	2961781	Non-haz contaminated soil	Clean Earth of Bethlehem	3941226	31.24	12:52:09 PM
2007	9/16/2024	243030008	04-AX917D	2961783	Non-haz contaminated soil	Clean Earth of Bethlehem	3941232	31.66	12:55:00 PM
2008	9/16/2024	243030008	50-AW645W	2961851	Non-haz contaminated soil	Clean Earth of Bethlehem	3941246	28.01	12:57:21 PM
2009	9/16/2024	243030008	59-AX932K	2961849	Non-haz contaminated soil	Clean Earth of Bethlehem	3941261	32.26	12:59:26 PM
2010	9/16/2024	243030008	29-AY902M	2961848	Non-haz contaminated soil	Clean Earth of Bethlehem	3941294	31.49	1:05:13 PM
2011	9/16/2024	243030008	03-AW549U	2961784	Non-haz contaminated soil	Clean Earth of Bethlehem	3941397	30.96	1:17:55 PM
2012	9/16/2024	243030008		2961850	Non-haz contaminated soil	Clean Earth of Bethlehem	3941400	31.34	1:20:39 PM
2013	9/16/2024	243030008	03-AZ815G	2961780	Non-haz contaminated soil	Clean Earth of Bethlehem	3941608	30.98	1:53:48 PM
2014	9/16/2024	243030008		2961852	Non-haz contaminated soil	Clean Earth of Bethlehem	3941643	32.35	1:59:08 PM
2015	9/16/2024	243030008	03-AZ208C	2961778	Non-haz contaminated soil	Clean Earth of Bethlehem	3941752	30.18	2:12:10 PM
2016	9/16/2024	243030008	03-AW733R	2961779	Non-haz contaminated soil	Clean Earth of Bethlehem	3941846	27.59	2:22:57 PM
2017	9/16/2024	243030008	12-AZ583D	2961777	Non-haz contaminated soil	Clean Earth of Bethlehem	3941853	31.65	2:25:57 PM
2018	9/16/2024	243030008	03-AY999C	2961773	Non-haz contaminated soil	Clean Earth of Bethlehem	3941861	28.34	2:29:15 PM
2019	9/16/2024	243030008	03-AY400Z	2961776	Non-haz contaminated soil	Clean Earth of Bethlehem	3941865	37.67	2:31:55 PM
2020	9/17/2024	243030008	04-AZ215A	2961785	Non-haz contaminated soil	Clean Earth of Bethlehem	3934755	35.47	7:27:21 AM
2021	9/17/2024	243070409	07pipo4	2909378	Non-haz contaminated soil	Clean Earth of Carteret	3934756	32.11	9:31:51 AM
2022	9/17/2024	243070409	07LOGI31	2909380	Non-haz contaminated soil	Clean Earth of Carteret	3944606	25.79	9:52:05 AM
2023	9/17/2024	243070409	07logi02	2909384	Non-haz contaminated soil	Clean Earth of Carteret	3944680	25.87	10:10:41 AM
2024	9/17/2024	243070409	07Logi44	2909383	Non-haz contaminated soil	Clean Earth of Carteret	3944715	24.18	10:16:57 AM
2025	9/17/2024	243070409	07pipos07	2909379	Non-haz contaminated soil	Clean Earth of Carteret	3944732	30.32	10:21:38 AM
2026	9/17/2024	243070409	07logi32	2909387	Non-haz contaminated soil	Clean Earth of Carteret	3944780	28.37	10:31:28 AM
2027	9/17/2024	243070409	07DRV24	2909381	Non-haz contaminated soil	Clean Earth of Carteret	3944786	30.21	10:33:23 AM
2028	9/17/2024	243070409	07JC40	2909385	Non-haz contaminated soil	Clean Earth of Carteret	3944808	28.95	10:38:00 AM
2029	9/17/2024	243070409	07JC61	2909386	Non-haz contaminated soil	Clean Earth of Carteret	3944834	28.23	10:46:43 AM
2030	9/17/2024	243070409	07DRV15	2909382	Non-haz contaminated soil	Clean Earth of Carteret	3944887	32.48	10:51:28 AM
2031	9/17/2024	243070409	07logi04	2909389	Non-haz contaminated soil	Clean Earth of Carteret	3944982	29.42	11:10:17 AM
2032	9/17/2024	243070409	07Joel8	2909390	Non-haz contaminated soil	Clean Earth of Carteret	3945006	30.82	11:12:18 AM
2033	9/17/2024	243070409	07MESA06	2909391	Non-haz contaminated soil	Clean Earth of Carteret	3945044	25.95	11:22:28 AM
2034	9/17/2024	243070409	07DRV14	2909388	Non-haz contaminated soil	Clean Earth of Carteret	3945225	28.17	11:41:35 AM
2035	9/17/2024	243030008	24-AX329R	2961772	Non-haz contaminated soil	Clean Earth of Bethlehem	3945276	33.58	11:49:52 AM
2036	9/17/2024	243030008	03-AZ370A	2961770	Non-haz contaminated soil	Clean Earth of Bethlehem	3945354	35.61	12:01:13 PM
2037	9/17/2024	243030008	03-AU260R	2961767	Non-haz contaminated soil	Clean Earth of Bethlehem	3945402	33.34	12:18:40 PM
2038	9/17/2024	243030008		2961769	Non-haz contaminated soil	Clean Earth of Bethlehem	3945496	32.21	12:48:55 PM
2039	9/17/2024	243030008	03-AY553W	2961768	Non-haz contaminated soil	Clean Earth of Bethlehem	3945515	35.02	12:55:21 PM
2040	9/17/2024	243030008		2961766	Non-haz contaminated soil	Clean Earth of Bethlehem	3945523	31.04	12:58:26 PM
2041	9/17/2024	243030008	03-az375a	2961771	Non-haz contaminated soil	Clean Earth of Bethlehem	3946225	34.25	2:35:52 PM
2042	9/17/2024	243030008	LOGITECH 03-AX330R	2961764	Non-haz contaminated soil	Clean Earth of Bethlehem	3946584	34.34	3:06:32 PM
2043	9/17/2024	243030008	08-AY706E	2961765	Non-haz contaminated soil	Clean Earth of Bethlehem	3946597	32.25	3:08:24 PM
2044	9/17/2024	243030008	03-AY704E	2961761	Non-haz contaminated soil	Clean Earth of Bethlehem	3946949	30.96	4:12:32 PM
2045	9/17/2024	243030008	44-AY740Y	2961760	Non-haz contaminated soil	Clean Earth of Bethlehem	3946970	31.12	4:17:55 PM
2046	9/17/2024	243030008	04-AX917D	2961763	Non-haz contaminated soil	Clean Earth of Bethlehem	3946971	32.62	4:20:22 PM
2047	9/17/2024	243030008	03-AX286W	2961755	Non-haz contaminated soil	Clean Earth of Bethlehem	3947014	30.23	4:27:25 PM
2048	9/17/2024	243030008	03-AZ815G	2961759	Non-haz contaminated soil	Clean Earth of Bethlehem	3947028	35.26	4:30:14 PM
2049	9/17/2024	243030008	03-AZ371A	2961753	Non-haz contaminated soil	Clean Earth of Bethlehem	3947121	30.01	4:44:10 PM
2050	9/17/2024	243030008	03-AY375R	2961754	Non-haz contaminated soil	Clean Earth of Bethlehem	3947122	32.46	4:46:51 PM
2051	9/18/2024	243030008		2961757	Non-haz contaminated soil	Clean Earth of Bethlehem	3944818	27.86	6:52:24 AM
2052	9/18/2024	243030008	03-AW734R	2961756	Non-haz contaminated soil	Clean Earth of Bethlehem	3948793	33.75	7:00:59 AM
2053	9/18/2024	243030008		2961758	Non-haz contaminated soil	Clean Earth of Bethlehem	3948796	28.11	7:03:21 AM
2054	9/18/2024	243030008		2961762	Non-haz contaminated soil	Clean Earth of Bethlehem	3948812	32.42	7:12:28 AM
2055	9/18/2024	243030008	08-AY706E	2961752	Non-haz contaminated soil	Clean Earth of Bethlehem	3948835	31.92	7:31:18 AM
2056	9/18/2024	243030008	02-AX564M	2961749	Non-haz contaminated soil	Clean Earth of Bethlehem	3949744	30.33	10:35:08 AM
2057	9/18/2024	243030008	03-AY996C	2961747	Non-haz contaminated soil	Clean Earth of Bethlehem	3949768	32.09	10:37:45 AM
2058	9/18/2024	243030008	04-AZ215A	2961748	Non-haz contaminated soil	Clean Earth of Bethlehem	3949799	33.38	10:42:40 AM
2059	9/18/2024	243030008	29-AY902M	2961746	Non-haz contaminated soil	Clean Earth of Bethlehem	3949821	33.08	10:47:57 AM
2060	9/18/2024	243030008	03-AY903R	2961742	Non-haz contaminated soil	Clean Earth of Bethlehem	3950089	31.97	11:25:58 AM
2061	9/18/2024	243030008	03-AY671U	2961751	Non-haz contaminated soil	Clean Earth of Bethlehem	3950188	33.92	11:42:18 AM
2062	9/18/2024	243030008	08-AY847K	2961744	Non-haz contaminated soil	Clean Earth of Bethlehem	3950201	34.47	11:44:28 AM
2063	9/18/2024	243030008		2961750	Non-haz contaminated soil	Clean Earth of Bethlehem	3950246	30.81	11:52:46 AM
2064	9/18/2024	243030008		2961743	Non-haz contaminated soil	Clean Earth of Bethlehem	3950288	32.3	11:59:30 AM
2065	9/18/2024	243030008	08-AY584R	2961745	Non-haz contaminated soil	Clean Earth of Bethlehem	3951104	33.31	2:03:18 PM
2066	9/19/2024	243030008	56-AX228E	2961836	Non-haz contaminated soil	Clean Earth of Bethlehem	3949114	29.94	10:53:20 AM
2067	9/19/2024	243030008		2961739	Non-haz contaminated soil	Clean Earth of Bethlehem	3954547	30.91	10:55:28 AM
2068	9/19/2024	243030008	03-AW727N	2961837	Non-haz contaminated soil	Clean Earth of Bethlehem	3954561	31.49	10:57:29 AM
2069	9/19/2024	243030008	51-AW463X	2961741	Non-haz contaminated soil	Clean Earth of Bethlehem	3954603	29.16	11:04:23 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
2070	9/19/2024	243030008	45-AZ362B	2961842	Non-haz contaminated soil	Clean Earth of Bethlehem	3954673	33.47	11:12:06 AM
2071	9/19/2024	243030008	55-AX227E	2961740	Non-haz contaminated soil	Clean Earth of Bethlehem	3954682	31.04	11:14:02 AM
2072	9/19/2024	243030008	59-AX932K	2961839	Non-haz contaminated soil	Clean Earth of Bethlehem	3954781	31.48	11:27:32 AM
2073	9/19/2024	243030008	58-AX385K	2961838	Non-haz contaminated soil	Clean Earth of Bethlehem	3954812	31.46	11:34:05 AM
2074	9/19/2024	243030008	60-AX287W	2961841	Non-haz contaminated soil	Clean Earth of Bethlehem	3954885	31.37	11:48:38 AM
2075	9/19/2024	243030008	47-AW728N	2961840	Non-haz contaminated soil	Clean Earth of Bethlehem	3954962	31.05	11:54:14 AM
2076	9/20/2024	243100018	10DRV068	3044105	Non-haz contaminated soil	Clean Earth of Philadelphia	3953951	28.66	1:09:42 PM
2077	9/20/2024	243100018	10LOG031	3044108	Non-haz contaminated soil	Clean Earth of Philadelphia	3959748	32.42	1:24:17 PM
2078	9/20/2024	243100018	10LOG008	3044107	Non-haz contaminated soil	Clean Earth of Philadelphia	3960211	30.5	2:46:24 PM
2079	9/20/2024	243100018	10LAD027	3044099	Non-haz contaminated soil	Clean Earth of Philadelphia	3960579	31.04	3:10:22 PM
2080	9/20/2024	243100018	10LAD008	3044100	Non-haz contaminated soil	Clean Earth of Philadelphia	3960584	31.84	3:11:40 PM
2081	9/20/2024	243100018	10LAD010	3044103	Non-haz contaminated soil	Clean Earth of Philadelphia	3960585	29.7	3:12:29 PM
2082	9/20/2024	243100018	10LAD002	3044102	Non-haz contaminated soil	Clean Earth of Philadelphia	3960588	31.88	3:13:17 PM
2083	9/20/2024	243100018	10DRV048	3044104	Non-haz contaminated soil	Clean Earth of Philadelphia	3960589	26.17	3:14:25 PM
2084	9/20/2024	243100018	10LAD012	3044101	Non-haz contaminated soil	Clean Earth of Philadelphia	3960593	30.14	3:15:37 PM
2085	9/20/2024	243100018	10LAD026	3044106	Non-haz contaminated soil	Clean Earth of Philadelphia	3960693	29.14	3:20:14 PM
2086	9/20/2024	243100018	10LOG001	3044098	Non-haz contaminated soil	Clean Earth of Philadelphia	3960764	31.45	3:36:31 PM
2087	9/23/2024	243030008	21-AY399K	2961705	Non-haz contaminated soil	Clean Earth of Bethlehem	3958621	33.12	10:43:14 AM
2088	9/23/2024	243030008	26-AX260R	2961706	Non-haz contaminated soil	Clean Earth of Bethlehem	3962660	31.86	10:46:01 AM
2089	9/23/2024	243030008	01-AU421C	2961709	Non-haz contaminated soil	Clean Earth of Bethlehem	3962675	33.27	10:50:16 AM
2090	9/23/2024	243030008		2961712	Non-haz contaminated soil	Clean Earth of Bethlehem	3962721	31.49	10:57:22 AM
2091	9/23/2024	243030008		2961710	Non-haz contaminated soil	Clean Earth of Bethlehem	3962800	30.72	11:04:01 AM
2092	9/23/2024	243030008		2961708	Non-haz contaminated soil	Clean Earth of Bethlehem	3962810	29.89	11:08:01 AM
2093	9/23/2024	243030008		2961711	Non-haz contaminated soil	Clean Earth of Bethlehem	3962844	25.96	11:14:38 AM
2094	9/23/2024	243030008	16-AY707E	2961707	Non-haz contaminated soil	Clean Earth of Bethlehem	3962862	30.25	11:16:17 AM
2095	9/23/2024	243030008	45-AZ362B	2961719	Non-haz contaminated soil	Clean Earth of Bethlehem	3962908	33.36	11:26:45 AM
2096	9/23/2024	243030008	04-AY705E	2961713	Non-haz contaminated soil	Clean Earth of Bethlehem	3962911	31.22	11:29:13 AM
2097	9/23/2024	243030008		2961714	Non-haz contaminated soil	Clean Earth of Bethlehem	3962936	31.17	11:33:14 AM
2098	9/23/2024	243030008		2961716	Non-haz contaminated soil	Clean Earth of Bethlehem	3962943	30.79	11:36:22 AM
2099	9/23/2024	243030008	03-AX384K	2961718	Non-haz contaminated soil	Clean Earth of Bethlehem	3962948	31.75	11:38:43 AM
2100	9/23/2024	243030008		2961720	Non-haz contaminated soil	Clean Earth of Bethlehem	3962957	32.98	11:41:03 AM
2101	9/23/2024	243030008	60-AX287W	2961715	Non-haz contaminated soil	Clean Earth of Bethlehem	3962980	31.39	11:43:00 AM
2102	9/23/2024	243030008	03-AW725N	2961717	Non-haz contaminated soil	Clean Earth of Bethlehem	3964024	31.66	1:32:59 PM
2103	9/23/2024	243030008	03-AZ361B	2961724	Non-haz contaminated soil	Clean Earth of Bethlehem	3964296	28.85	2:25:40 PM
2104	9/23/2024	243030008	54-AX226E	2961723	Non-haz contaminated soil	Clean Earth of Bethlehem	3964394	29.79	2:46:20 PM
2105	9/23/2024	243030008		2961721	Non-haz contaminated soil	Clean Earth of Bethlehem	3964437	33.47	2:51:10 PM
2106	9/23/2024	243030008		2961722	Non-haz contaminated soil	Clean Earth of Bethlehem	3964555	28.19	3:29:09 PM
2107	9/24/2024	243070428		2919508	Non-haz contaminated soil	Clean Earth of Carteret	3962809	30.8	9:22:19 AM
2108	9/24/2024	243070428	07JC33	2919507	Non-haz contaminated soil	Clean Earth of Carteret	3966983	29.75	11:03:49 AM
2109	9/25/2024	243030008	21-AY399K	2951489	Non-haz contaminated soil	Clean Earth of Bethlehem	3966698	34.1	10:32:25 AM
2110	9/25/2024	243030008	44-AY740Y	2961704	Non-haz contaminated soil	Clean Earth of Bethlehem	3971461	23.54	10:41:58 AM
2111	9/25/2024	243030008	26-AX260R	2951490	Non-haz contaminated soil	Clean Earth of Bethlehem	3971487	29.16	10:51:07 AM
2112	9/25/2024	243030008		2961702	Non-haz contaminated soil	Clean Earth of Bethlehem	3971549	31.3	10:57:18 AM
2113	9/25/2024	243030008	08-AY847K	2951493	Non-haz contaminated soil	Clean Earth of Bethlehem	3971587	34.08	11:02:31 AM
2114	9/25/2024	243030008	08-AY584R	2951495	Non-haz contaminated soil	Clean Earth of Bethlehem	3971617	31.42	11:08:16 AM
2115	9/25/2024	243030008		2951491	Non-haz contaminated soil	Clean Earth of Bethlehem	3971626	35	11:10:24 AM
2116	9/25/2024	243030008	04-AY705E	2951498	Non-haz contaminated soil	Clean Earth of Bethlehem	3971787	28.62	11:18:55 AM
2117	9/25/2024	243030008	08-AY706E	2951494	Non-haz contaminated soil	Clean Earth of Bethlehem	3971792	34.53	11:21:05 AM
2118	9/25/2024	243030008	16-AY707E	2961703	Non-haz contaminated soil	Clean Earth of Bethlehem	3971805	33.55	11:24:54 AM
2119	9/25/2024	243030008	04-AZ215A	2951499	Non-haz contaminated soil	Clean Earth of Bethlehem	3971920	34.76	11:35:49 AM
2120	9/25/2024	243030008	02-AX564M	2951487	Non-haz contaminated soil	Clean Earth of Bethlehem	3971951	31.43	11:42:43 AM
2121	9/25/2024	243030008	13-AY903R	2951488	Non-haz contaminated soil	Clean Earth of Bethlehem	3971962	31.63	11:46:07 AM
2122	9/25/2024	243030008		2951482	Non-haz contaminated soil	Clean Earth of Bethlehem	3972003	32.51	11:48:37 AM
2123	9/25/2024	243030008		2951497	Non-haz contaminated soil	Clean Earth of Bethlehem	3972008	32.86	11:50:19 AM
2124	9/25/2024	243030008	03-AZ816G	2951483	Non-haz contaminated soil	Clean Earth of Bethlehem	3972374	30.98	12:43:38 PM
2125	9/25/2024	243030008	03-AY704E	2951481	Non-haz contaminated soil	Clean Earth of Bethlehem	3972624	29.44	1:30:21 PM
2126	9/25/2024	243030008	03-AW733R	2951496	Non-haz contaminated soil	Clean Earth of Bethlehem	3972640	33.61	1:35:32 PM
2127	9/25/2024	243030008		2951473	Non-haz contaminated soil	Clean Earth of Bethlehem	3972728	31.37	1:45:12 PM
2128	9/25/2024	243030008		2951484	Non-haz contaminated soil	Clean Earth of Bethlehem	3972912	26.49	1:58:44 PM
2129	9/25/2024	243030008	LOGITECH 03-AX330R	2951480	Non-haz contaminated soil	Clean Earth of Bethlehem	3972922	33.49	2:01:41 PM
2130	9/25/2024	243030008		2951485	Non-haz contaminated soil	Clean Earth of Bethlehem	3972928	27.16	2:04:05 PM
2131	9/25/2024	243030008		2951474	Non-haz contaminated soil	Clean Earth of Bethlehem	3973324	29.93	2:55:50 PM
2132	9/25/2024	243030008		2951476	Non-haz contaminated soil	Clean Earth of Bethlehem	3973386	27.11	3:05:50 PM
2133	9/25/2024	243030008		2951475	Non-haz contaminated soil	Clean Earth of Bethlehem	3973445	29.14	3:19:19 PM
2134	9/25/2024	243030008		2951478	Non-haz contaminated soil	Clean Earth of Bethlehem	3973643	30.29	3:51:56 PM
2135	9/25/2024	243030008		2951492	Non-haz contaminated soil	Clean Earth of Bethlehem	3973647	33.39	3:57:10 PM
2136	9/25/2024	243030008		2951477	Non-haz contaminated soil	Clean Earth of Bethlehem	3973648	29.89	4:01:48 PM
2137	9/25/2024	243030008		2951479	Non-haz contaminated soil	Clean Earth of Bethlehem	3973727	29.7	4:09:32 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
2138	9/26/2024	243030008		2951471	Non-haz contaminated soil	Clean Earth of Bethlehem	3970626	30.4	10:09:47 AM
2139	9/26/2024	243030008		2951464	Non-haz contaminated soil	Clean Earth of Bethlehem	3976184	30.08	10:25:04 AM
2140	9/26/2024	243030008		2951469	Non-haz contaminated soil	Clean Earth of Bethlehem	3976194	33.73	10:27:31 AM
2141	9/26/2024	243030008		2951472	Non-haz contaminated soil	Clean Earth of Bethlehem	3976377	30.88	10:57:31 AM
2142	9/26/2024	243030008		2951470	Non-haz contaminated soil	Clean Earth of Bethlehem	3976389	30.46	11:04:36 AM
2143	9/26/2024	243030008		2951486	Non-haz contaminated soil	Clean Earth of Bethlehem	3976450	30.76	11:10:19 AM
2144	9/26/2024	243030008		2951465	Non-haz contaminated soil	Clean Earth of Bethlehem	3976709	31.13	11:51:37 AM
2145	9/26/2024	243030008		2951467	Non-haz contaminated soil	Clean Earth of Bethlehem	3976724	30.57	11:55:42 AM
2146	9/26/2024	243030008		2951466	Non-haz contaminated soil	Clean Earth of Bethlehem	3976835	25.53	12:06:25 PM
2147	9/27/2024	243030008	03-AY999C	2951468	Non-haz contaminated soil	Clean Earth of Bethlehem	3980014	28.9	9:57:05 AM
2148	9/27/2024	243030008	27-AZ933A	2951463	Non-haz contaminated soil	Clean Earth of Bethlehem	3980263	30.06	10:37:08 AM
2149	10/2/2024	243030008	21-AY399K	2951451	Non-haz contaminated soil	Clean Earth of Bethlehem	3984001	33.52	10:17:19 AM
2150	10/2/2024	243030008	26-AX260R	2951442	Non-haz contaminated soil	Clean Earth of Bethlehem	3992011	32.94	10:26:27 AM
2151	10/2/2024	243030008	48-AX790U	2951449	Non-haz contaminated soil	Clean Earth of Bethlehem	3992040	26.7	10:30:24 AM
2152	10/2/2024	243030008	04-AY705E	2951445	Non-haz contaminated soil	Clean Earth of Bethlehem	3992170	31.75	10:49:58 AM
2153	10/2/2024	243030008	08-AY706E	2951448	Non-haz contaminated soil	Clean Earth of Bethlehem	3992187	30.47	10:54:07 AM
2154	10/2/2024	243030008		2951447	Non-haz contaminated soil	Clean Earth of Bethlehem	3992205	29.72	10:55:53 AM
2155	10/2/2024	243030008		2951446	Non-haz contaminated soil	Clean Earth of Bethlehem	3992256	28.95	10:59:28 AM
2156	10/2/2024	243030008		2951450	Non-haz contaminated soil	Clean Earth of Bethlehem	3992333	31.13	11:06:42 AM
2157	10/2/2024	243030008		2951444	Non-haz contaminated soil	Clean Earth of Bethlehem	3992592	33.12	11:29:54 AM
2158	10/2/2024	243030008	04-AZ215A	2951458	Non-haz contaminated soil	Clean Earth of Bethlehem	3992949	36.85	12:22:45 PM
2159	10/2/2024	243030008		2951443	Non-haz contaminated soil	Clean Earth of Bethlehem	3993180	29.37	12:50:03 PM
2160	10/2/2024	243030008		2951457	Non-haz contaminated soil	Clean Earth of Bethlehem	3993294	34.11	1:04:28 PM
2161	10/2/2024	243030008		2951456	Non-haz contaminated soil	Clean Earth of Bethlehem	3993681	32.08	1:55:54 PM
2162	10/2/2024	243030008	03-AY975M	2951454	Non-haz contaminated soil	Clean Earth of Bethlehem	3993786	34.91	2:15:50 PM
2163	10/2/2024	243030008	03-AY769Z	2951453	Non-haz contaminated soil	Clean Earth of Bethlehem	3993924	36.06	2:26:32 PM
2164	10/2/2024	243030008	03-AY694C	2951461	Non-haz contaminated soil	Clean Earth of Bethlehem	3994087	34.83	3:03:08 PM
2165	10/2/2024	243030008	03-AX975Y	2951459	Non-haz contaminated soil	Clean Earth of Bethlehem	3994219	33.52	3:09:23 PM
2166	10/2/2024	243030008	03-AX378P	2951452	Non-haz contaminated soil	Clean Earth of Bethlehem	3994279	36.76	3:11:53 PM
2167	10/2/2024	243030008	03-AX916L	2951460	Non-haz contaminated soil	Clean Earth of Bethlehem	3994391	36.65	3:20:39 PM
2168	10/3/2024	243070409	07JC62	2909415	Non-haz contaminated soil	Clean Earth of Carteret	3985111	24.47	8:55:37 AM
2169	10/3/2024	243070409	07JC61	2909416	Non-haz contaminated soil	Clean Earth of Carteret	3996018	21.94	8:57:27 AM
2170	10/3/2024	243070409	07JC44	2909417	Non-haz contaminated soil	Clean Earth of Carteret	3996038	22.9	9:02:24 AM
2171	10/3/2024	243070409	07JC39	2909418	Non-haz contaminated soil	Clean Earth of Carteret	3996047	22.5	9:04:06 AM
2172	10/3/2024	243070409	07JC56	2909419	Non-haz contaminated soil	Clean Earth of Carteret	3996146	23.42	9:24:09 AM
2173	10/3/2024	243070409	07JC51	2909420	Non-haz contaminated soil	Clean Earth of Carteret	3996162	23.94	9:26:04 AM
2174	10/3/2024	243070409	07jc59	2909422	Non-haz contaminated soil	Clean Earth of Carteret	3996170	23.53	9:27:08 AM
2175	10/3/2024	243070409	07jc60	2909424	Non-haz contaminated soil	Clean Earth of Carteret	3996180	25.21	9:31:17 AM
2176	10/3/2024	243070409	07IDROVO1	2909425	Non-haz contaminated soil	Clean Earth of Carteret	3996191	28.73	9:35:12 AM
2177	10/3/2024	243070409	07Jc50	2909421	Non-haz contaminated soil	Clean Earth of Carteret	3996247	23.25	9:52:09 AM
2178	10/3/2024	243070409	01-AX406N	2909427	Non-haz contaminated soil	Clean Earth of Carteret	3996252	26.15	9:53:37 AM
2179	10/3/2024	243070409	07jc48	2909426	Non-haz contaminated soil	Clean Earth of Carteret	3996273	24.7	10:01:52 AM
2180	10/3/2024	243070409	07Pipo08	2909429	Non-haz contaminated soil	Clean Earth of Carteret	3996310	24.55	10:07:39 AM
2181	10/3/2024	243070409	07ANDRADE8	2909423	Non-haz contaminated soil	Clean Earth of Carteret	3996396	24.2	10:15:58 AM
2182	10/3/2024	243070409	07JC47	2909432	Non-haz contaminated soil	Clean Earth of Carteret	3996427	24.9	10:19:19 AM
2183	10/3/2024	243070409	07H&A1	2909428	Non-haz contaminated soil	Clean Earth of Carteret	3996433	24.37	10:21:12 AM
2184	10/3/2024	243070409	07telra8	2909431	Non-haz contaminated soil	Clean Earth of Carteret	3996473	25.11	10:32:24 AM
2185	10/3/2024	243070409	07nino4	2909430	Non-haz contaminated soil	Clean Earth of Carteret	3996477	25.65	10:34:50 AM
2186	10/3/2024	243070409	07JC52	2909434	Non-haz contaminated soil	Clean Earth of Carteret	3996479	24.61	10:36:13 AM
2187	10/3/2024	243070409	07nino03	2909433	Non-haz contaminated soil	Clean Earth of Carteret	3996481	28.8	10:37:35 AM
2188	10/3/2024	243070409	07pipo13	2909436	Non-haz contaminated soil	Clean Earth of Carteret	3996487	29	10:40:14 AM
2189	10/3/2024	243070409	07PipoS28	2909435	Non-haz contaminated soil	Clean Earth of Carteret	3996493	25.97	10:44:40 AM
2190	10/3/2024	243070409	07jc55	2909439	Non-haz contaminated soil	Clean Earth of Carteret	3996511	25.1	10:51:08 AM
2191	10/3/2024	243070409	07pipo4	2909437	Non-haz contaminated soil	Clean Earth of Carteret	3996541	28.91	10:54:59 AM
2192	10/3/2024	243070409	07JGRANDA17	2909438	Non-haz contaminated soil	Clean Earth of Carteret	3996570	25.94	10:59:48 AM
2193	10/3/2024	243070409	07pipo29	2909440	Non-haz contaminated soil	Clean Earth of Carteret	3996638	27.32	11:14:20 AM
2194	10/3/2024	243070409	07IDROVO1	2909441	Non-haz contaminated soil	Clean Earth of Carteret	3997685	29.36	1:00:54 PM
2195	10/3/2024	243070409		2909442	Non-haz contaminated soil	Clean Earth of Carteret	3997727	29.96	1:14:24 PM
2196	10/3/2024	243070409	07JC61	2909443	Non-haz contaminated soil	Clean Earth of Carteret	3997862	26.49	1:33:36 PM
2197	10/3/2024	243070409	07JC39	2909444	Non-haz contaminated soil	Clean Earth of Carteret	3997894	24.95	1:35:41 PM
2198	10/3/2024	243070409	07JC44	2909447	Non-haz contaminated soil	Clean Earth of Carteret	3998006	26.22	1:43:23 PM
2199	10/3/2024	243070409	07JC54	2909445	Non-haz contaminated soil	Clean Earth of Carteret	3998040	28.74	1:48:32 PM
2200	10/3/2024	243070409	07pipo13	2909449	Non-haz contaminated soil	Clean Earth of Carteret	3998087	30.56	1:51:02 PM
2201	10/3/2024	243070409	07JC62	2909448	Non-haz contaminated soil	Clean Earth of Carteret	3998121	28.6	1:59:31 PM
2202	10/3/2024	243070409	07telra8	2909446	Non-haz contaminated soil	Clean Earth of Carteret	3998175	26.49	2:03:32 PM
2203	10/3/2024	243030008	68-AW848H	2951455	Non-haz contaminated soil	Clean Earth of Bethlehem	3998293	26.68	3:00:04 PM
2204	10/3/2024	243070409	07JC45	2909450	Non-haz contaminated soil	Clean Earth of Carteret	3998573	27.87	2:37:36 PM
2205	10/3/2024	243070409	07nino03	2909451	Non-haz contaminated soil	Clean Earth of Carteret	3998617	27.64	2:47:48 PM
2206	10/3/2024	243070409	07nino4	2909452	Non-haz contaminated soil	Clean Earth of Carteret	3998689	28.72	2:56:39 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
2207	10/3/2024	243070409	07JGRANDA17	2909455	Non-haz contaminated soil	Clean Earth of Carteret	3998741	29.58	3:13:37 PM
2208	10/3/2024	243070409	07PipoS28	2909453	Non-haz contaminated soil	Clean Earth of Carteret	3998773	29.37	3:16:13 PM
2209	10/3/2024	243070409	07JC56	2909454	Non-haz contaminated soil	Clean Earth of Carteret	3998784	27.17	3:18:15 PM
2210	10/3/2024	243070409	07jc59	2909457	Non-haz contaminated soil	Clean Earth of Carteret	3999087	25.71	4:10:06 PM
2211	10/3/2024	243070409	07pipo29	2909459	Non-haz contaminated soil	Clean Earth of Carteret	3999089	25.81	4:11:41 PM
2212	10/3/2024	243070409	07JC51	2909456	Non-haz contaminated soil	Clean Earth of Carteret	3999090	27.71	4:13:00 PM
2213	10/3/2024	243070409	07Jc50	2909460	Non-haz contaminated soil	Clean Earth of Carteret	3999204	24.94	4:30:06 PM
2214	10/3/2024	243070409	07jc60	2909458	Non-haz contaminated soil	Clean Earth of Carteret	3999205	26	4:31:33 PM
2215	10/3/2024	243070409	07jc55	2909464	Non-haz contaminated soil	Clean Earth of Carteret	3999977	25.5	4:20:46 AM
2216	10/3/2024	243070409	07JC47	2909462	Non-haz contaminated soil	Clean Earth of Carteret	3999981	26.47	4:35:47 AM
2217	10/3/2024	243070409	07JC52	2909463	Non-haz contaminated soil	Clean Earth of Carteret	3999983	27.78	4:36:52 AM
2218	10/3/2024	243070409	07jc48	2909461	Non-haz contaminated soil	Clean Earth of Carteret	3999984	25.09	4:37:49 AM
2219	10/4/2024	243100018	10LOG030	3044087	Non-haz contaminated soil	Clean Earth of Philadelphia	3985100	25.6	10:23:28 AM
2220	10/4/2024	243030162	03-AY391G	2937957	Non-haz contaminated soil	KTC Fairless	3991363	28.61	11:47:55 AM
2221	10/4/2024	243100018	10LOG021	3044084	Non-haz contaminated soil	Clean Earth of Philadelphia	4000880	27.07	10:33:49 AM
2222	10/4/2024	243100018	10LOG026	3044085	Non-haz contaminated soil	Clean Earth of Philadelphia	4000938	24.95	10:40:19 AM
2223	10/4/2024	243100018	10LOG032	3044083	Non-haz contaminated soil	Clean Earth of Philadelphia	4000951	23.35	10:45:20 AM
2224	10/4/2024	243100018	10LOG016	3044088	Non-haz contaminated soil	Clean Earth of Philadelphia	4001031	22.68	10:59:09 AM
2225	10/4/2024	243100018	10LOG031	3044086	Non-haz contaminated soil	Clean Earth of Philadelphia	4001056	24.81	11:04:24 AM
2226	10/4/2024	243100018	10LOG044	3044093	Non-haz contaminated soil	Clean Earth of Philadelphia	4001115	21.11	11:08:30 AM
2227	10/4/2024	243100018	10LOG001	3044090	Non-haz contaminated soil	Clean Earth of Philadelphia	4001125	22.04	11:10:20 AM
2228	10/4/2024	243100018	10DRV024	3044091	Non-haz contaminated soil	Clean Earth of Philadelphia	4001174	22.86	11:17:21 AM
2229	10/4/2024	243100018	10LOG025	3044089	Non-haz contaminated soil	Clean Earth of Philadelphia	4001191	18.9	11:20:04 AM
2230	10/4/2024	243100018	10LOG003	3044095	Non-haz contaminated soil	Clean Earth of Philadelphia	4001201	23.89	11:20:49 AM
2231	10/4/2024	243100018	10LOG024	3044096	Non-haz contaminated soil	Clean Earth of Philadelphia	4001272	21.67	11:28:20 AM
2232	10/4/2024	243100018	10LOG029	3044092	Non-haz contaminated soil	Clean Earth of Philadelphia	4001290	20.57	11:31:29 AM
2233	10/4/2024	243100018	10DRV068	3044094	Non-haz contaminated soil	Clean Earth of Philadelphia	4001382	24.42	11:36:49 AM
2234	10/4/2024	243100018	10DA003	3044097	Non-haz contaminated soil	Clean Earth of Philadelphia	4001428	24.61	11:49:21 AM
2235	10/4/2024	243100018	10LOG008	3044082	Non-haz contaminated soil	Clean Earth of Philadelphia	4001436	20.6	11:51:30 AM
2236	10/4/2024	243100018	10DA002	3044081	Non-haz contaminated soil	Clean Earth of Philadelphia	4001441	22.76	11:52:28 AM
2237	10/4/2024	243100018	10DA014	3044080	Non-haz contaminated soil	Clean Earth of Philadelphia	4001443	23.15	11:53:05 AM
2238	10/4/2024	243100018	10JOE012	3044078	Non-haz contaminated soil	Clean Earth of Philadelphia	4001491	23.93	12:03:00 PM
2239	10/4/2024	243100018	10DA027	3044079	Non-haz contaminated soil	Clean Earth of Philadelphia	4001566	21.66	12:13:26 PM
2240	10/4/2024	243030162	03-AZ373A	2937961	Non-haz contaminated soil	KTC Fairless	4001584	28.83	12:20:41 PM
2241	10/4/2024	243030162	08-AY847K	2937958	Non-haz contaminated soil	KTC Fairless	4001659	20.33	12:25:29 PM
2242	10/4/2024	243030162		2937960	Non-haz contaminated soil	KTC Fairless	4001745	23.27	12:29:05 PM
2243	10/4/2024	243030162		2937964	Non-haz contaminated soil	KTC Fairless	4001790	29.72	12:38:12 PM
2244	10/4/2024	243030162	03-AY671U	2937959	Non-haz contaminated soil	KTC Fairless	4001802	32.74	12:40:51 PM
2245	10/4/2024	243030162	03-AX596U	2937963	Non-haz contaminated soil	KTC Fairless	4001826	30.59	12:41:44 PM
2246	10/4/2024	243030162	04-AX917D	2937962	Non-haz contaminated soil	KTC Fairless	4001896	31.06	12:56:39 PM
2247	10/4/2024	243030162		2937971	Non-haz contaminated soil	KTC Fairless	4001934	30.98	1:02:07 PM
2248	10/4/2024	243030162	03-AZ371A	2937972	Non-haz contaminated soil	KTC Fairless	4001984	29.4	1:09:08 PM
2249	10/4/2024	243030162		2937965	Non-haz contaminated soil	KTC Fairless	4002018	23.99	1:15:19 PM
2250	10/4/2024	243030162	03-AX717S	2937969	Non-haz contaminated soil	KTC Fairless	4002048	25.7	1:18:24 PM
2251	10/4/2024	243030162	03-AW672S	2937970	Non-haz contaminated soil	KTC Fairless	4002049	23.54	1:18:48 PM
2252	10/4/2024	243030162	03-AY375R	2937975	Non-haz contaminated soil	KTC Fairless	4002063	30.83	1:25:28 PM
2253	10/4/2024	243030162	03-AY664G	2937966	Non-haz contaminated soil	KTC Fairless	4002120	28.53	1:35:54 PM
2254	10/4/2024	243030162	03-AX884E	2937967	Non-haz contaminated soil	KTC Fairless	4002178	30	1:38:23 PM
2255	10/4/2024	243030162	03-AX595U	2937968	Non-haz contaminated soil	KTC Fairless	4002183	29.47	1:40:36 PM
2256	10/4/2024	243030162	03-AX312S	2937973	Non-haz contaminated soil	KTC Fairless	4002340	27.52	2:03:21 PM
2257	10/4/2024	243030162		2937974	Non-haz contaminated soil	KTC Fairless	4002493	31.42	2:26:04 PM
2258	10/4/2024	243030162		2937976	Non-haz contaminated soil	KTC Fairless	4002513	30.6	2:31:00 PM
2259	10/4/2024	243030162		2937977	Non-haz contaminated soil	KTC Fairless	4002584	26.47	2:46:27 PM
2260	10/4/2024	243030162		2937978	Non-haz contaminated soil	KTC Fairless	4002863	28.57	3:53:25 PM
2261	10/7/2024	243020038	02DA11	2911951	Non-haz contaminated soil	Clean Earth of New Castle	3988752	20.38	1:23:08 PM
2262	10/7/2024	243030162		2937980	Non-haz contaminated soil	KTC Fairless	4000144	30.19	6:53:27 AM
2263	10/7/2024	243030162	03-AZ462C	2937981	Non-haz contaminated soil	KTC Fairless	4004002	27.35	6:55:45 AM
2264	10/7/2024	243030162	03-AY400Z	2937979	Non-haz contaminated soil	KTC Fairless	4004016	31.21	7:21:30 AM
2265	10/7/2024	243030162	21-AY399K	2940821	Non-haz contaminated soil	KTC Fairless	4005152	24.69	11:12:33 AM
2266	10/7/2024	243030162	26-AX260R	2937996	Non-haz contaminated soil	KTC Fairless	4005175	26.85	11:15:23 AM
2267	10/7/2024	243030162	44-AY740Y	2940823	Non-haz contaminated soil	KTC Fairless	4005293	25.08	11:34:52 AM
2268	10/7/2024	243030162		2940820	Non-haz contaminated soil	KTC Fairless	4005419	28.93	11:49:19 AM
2269	10/7/2024	243030162		2939998	Non-haz contaminated soil	KTC Fairless	4005457	28.65	12:01:24 PM
2270	10/7/2024	243030162		2937997	Non-haz contaminated soil	KTC Fairless	4005462	27.19	12:02:09 PM
2271	10/7/2024	243030162	02-AZ584D	2937999	Non-haz contaminated soil	KTC Fairless	4005481	27.18	12:06:09 PM
2272	10/7/2024	243030162	03-AZ208C	2939992	Non-haz contaminated soil	KTC Fairless	4005482	28.01	12:06:59 PM
2273	10/7/2024	243030162	03-AY903R	2939974	Non-haz contaminated soil	KTC Fairless	4005490	32.21	12:08:53 PM
2274	10/7/2024	243030162	03-AY671U	2939997	Non-haz contaminated soil	KTC Fairless	4005493	29.1	12:09:57 PM
2275	10/7/2024	243030162		2937998	Non-haz contaminated soil	KTC Fairless	4005529	27.06	12:12:38 PM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
2276	10/7/2024	243030162	03-AU706U	2939994	Non-haz contaminated soil	KTC Fairless	4005540	29.54	12:12:56 PM
2277	10/7/2024	243030162	03-AU740H	2939995	Non-haz contaminated soil	KTC Fairless	4005649	27.2	12:19:24 PM
2278	10/7/2024	243030162	03-AY664G	2939973	Non-haz contaminated soil	KTC Fairless	4005712	30.57	12:24:49 PM
2279	10/7/2024	243030162	03-AW671S	2939993	Non-haz contaminated soil	KTC Fairless	4005717	27.88	12:26:09 PM
2280	10/7/2024	243030162	04-AX917D	2939972	Non-haz contaminated soil	KTC Fairless	4005728	29.87	12:28:37 PM
2281	10/7/2024	243030162	03-AX946X	2939976	Non-haz contaminated soil	KTC Fairless	4005731	29.39	12:29:15 PM
2282	10/7/2024	243030162	03-AS412T	2939977	Non-haz contaminated soil	KTC Fairless	4005740	28.27	12:33:23 PM
2283	10/7/2024	243030162	03-AZ816G	2939975	Non-haz contaminated soil	KTC Fairless	4005741	31.77	12:34:32 PM
2284	10/7/2024	243030162	03-AW733R	2939999	Non-haz contaminated soil	KTC Fairless	4005746	24.54	12:35:35 PM
2285	10/7/2024	243030162	03-AZ183A	2939980	Non-haz contaminated soil	KTC Fairless	4005752	30.82	12:37:31 PM
2286	10/7/2024	243030162	03-AW919X	2939979	Non-haz contaminated soil	KTC Fairless	4005754	28.24	12:37:59 PM
2287	10/7/2024	243030162		2940822	Non-haz contaminated soil	KTC Fairless	4005902	26.62	12:47:30 PM
2288	10/7/2024	243030162		2939978	Non-haz contaminated soil	KTC Fairless	4005912	24.4	12:50:50 PM
2289	10/7/2024	243030162		2939996	Non-haz contaminated soil	KTC Fairless	4005918	26.73	12:53:35 PM
2290	10/7/2024	243030162		2939981	Non-haz contaminated soil	KTC Fairless	4005938	28.76	12:56:49 PM
2291	10/7/2024	243030162	03-AU741H	2939982	Non-haz contaminated soil	KTC Fairless	4006229	29.61	2:02:08 PM
2292	10/7/2024	2430816238	7	018008488FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		23.005	11:18:16 AM
2293	10/7/2024	2430816238	43	018008489FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		22.48	11:24:21 AM
2294	10/8/2024	243030162	01-AZ932A	2939983	Non-haz contaminated soil	KTC Fairless	4000145	23.31	6:29:15 AM
2295	10/8/2024	243030162	03-AZ183A	2940812	Non-haz contaminated soil	KTC Fairless	4008843	22.77	10:13:25 AM
2296	10/8/2024	243030162	03-AZ208C	2940818	Non-haz contaminated soil	KTC Fairless	4008861	28.5	10:16:04 AM
2297	10/8/2024	243030162	26-AX260R	2940815	Non-haz contaminated soil	KTC Fairless	4008970	26.52	10:38:24 AM
2298	10/8/2024	243030162	LOGITECH 03-AX330R	2940814	Non-haz contaminated soil	KTC Fairless	4008993	27.75	10:44:00 AM
2299	10/8/2024	243030162		2940819	Non-haz contaminated soil	KTC Fairless	4009011	26.2	10:46:11 AM
2300	10/8/2024	243030162		2940813	Non-haz contaminated soil	KTC Fairless	4009136	27.21	11:07:23 AM
2301	10/8/2024	243030162		2940816	Non-haz contaminated soil	KTC Fairless	4009208	27.8	11:15:52 AM
2302	10/8/2024	243030162		2940801	Non-haz contaminated soil	KTC Fairless	4009303	24.6	11:28:05 AM
2303	10/8/2024	243030162		2940817	Non-haz contaminated soil	KTC Fairless	4009384	24.74	11:39:43 AM
2304	10/8/2024	243030162		2940802	Non-haz contaminated soil	KTC Fairless	4009402	27.52	11:45:31 AM
2305	10/8/2024	243030162		2940803	Non-haz contaminated soil	KTC Fairless	4009437	27.55	11:49:51 AM
2306	10/8/2024	243030162		2939985	Non-haz contaminated soil	KTC Fairless	4009471	30.55	11:52:11 AM
2307	10/8/2024	243030162		2939984	Non-haz contaminated soil	KTC Fairless	4009532	27.79	12:03:26 PM
2308	10/8/2024	243030162		2940811	Non-haz contaminated soil	KTC Fairless	4009557	29.39	12:06:12 PM
2309	10/8/2024	243030162		2939987	Non-haz contaminated soil	KTC Fairless	4009565	24.13	12:07:29 PM
2310	10/8/2024	243030162		2939990	Non-haz contaminated soil	KTC Fairless	4009568	26.42	12:08:48 PM
2311	10/8/2024	243030162		2940805	Non-haz contaminated soil	KTC Fairless	4009578	27.68	12:10:49 PM
2312	10/8/2024	243030162	44-AY740Y	2940804	Non-haz contaminated soil	KTC Fairless	4009613	29.13	12:12:57 PM
2313	10/8/2024	243030162		2940807	Non-haz contaminated soil	KTC Fairless	4009637	24.99	12:16:26 PM
2314	10/8/2024	243030162	08-AY706E	2939989	Non-haz contaminated soil	KTC Fairless	4009654	24.8	12:17:21 PM
2315	10/8/2024	243030162	48-AX790U	2939986	Non-haz contaminated soil	KTC Fairless	4009657	29.32	12:20:08 PM
2316	10/8/2024	243030162		2939991	Non-haz contaminated soil	KTC Fairless	4009688	25.94	12:23:59 PM
2317	10/8/2024	243030162	03-AW670S	2940808	Non-haz contaminated soil	KTC Fairless	4009719	25.05	12:27:17 PM
2318	10/8/2024	243030162	04-AY705E	2940809	Non-haz contaminated soil	KTC Fairless	4009738	22.41	12:30:52 PM
2319	10/8/2024	243030162	03-AW733R	2939988	Non-haz contaminated soil	KTC Fairless	4009742	28.92	12:33:01 PM
2320	10/8/2024	243030162	05-AZ207C	2940810	Non-haz contaminated soil	KTC Fairless	4009745	28.71	12:33:47 PM
2321	10/8/2024	243030162		2940806	Non-haz contaminated soil	KTC Fairless	4009951	29.08	12:58:33 PM
2322	10/8/2024	243030162		2940824	Non-haz contaminated soil	KTC Fairless	4010029	21.55	1:11:05 PM
2323	10/8/2024	243030162		2940825	Non-haz contaminated soil	KTC Fairless	4010242	24.52	1:34:58 PM
2324	10/8/2024	243030162		2940826	Non-haz contaminated soil	KTC Fairless	4010375	27.49	1:59:32 PM
2325	10/8/2024	243030162		2940827	Non-haz contaminated soil	KTC Fairless	4010404	26.04	2:04:01 PM
2326	10/8/2024	243030162		2940828	Non-haz contaminated soil	KTC Fairless	4011159	27.52	3:52:29 PM
2327	10/8/2024	243030162		2940829	Non-haz contaminated soil	KTC Fairless	4011168	25.01	3:55:02 PM
2328	10/9/2024	243030162		2940830	Non-haz contaminated soil	KTC Fairless	4004706	24.49	6:58:20 AM
2329	10/9/2024	243030162		2940859	Non-haz contaminated soil	KTC Fairless	4012189	28.26	7:00:25 AM
2330	10/9/2024	243030162		2940835	Non-haz contaminated soil	KTC Fairless	4012190	22.6	7:01:52 AM
2331	10/9/2024	243030162	03-AX596U	2940836	Non-haz contaminated soil	KTC Fairless	4012192	23.68	7:05:15 AM
2332	10/9/2024	243030162	03-AW671S	2940834	Non-haz contaminated soil	KTC Fairless	4012201	20.21	7:10:25 AM
2333	10/9/2024	243030162	03-AU330Y	2940857	Non-haz contaminated soil	KTC Fairless	4012203	22.57	7:10:40 AM
2334	10/9/2024	243030162	03-AX717S	2940831	Non-haz contaminated soil	KTC Fairless	4012206	24.28	7:11:45 AM
2335	10/9/2024	243030162	03-AY578E	2940833	Non-haz contaminated soil	KTC Fairless	4012209	23.28	7:13:09 AM
2336	10/9/2024	243030162		2940832	Non-haz contaminated soil	KTC Fairless	4012215	23.52	7:18:35 AM
2337	10/9/2024	243030162	03-AU740H	2940837	Non-haz contaminated soil	KTC Fairless	4012258	25.15	7:40:45 AM
2338	10/9/2024	243030162		2940858	Non-haz contaminated soil	KTC Fairless	4012356	25.01	8:36:39 AM
2339	10/9/2024	243030162		2940861	Non-haz contaminated soil	KTC Fairless	4012842	30.96	10:52:27 AM
2340	10/9/2024	243030162		2940862	Non-haz contaminated soil	KTC Fairless	4012891	30.53	11:03:59 AM
2341	10/9/2024	243030162		2940863	Non-haz contaminated soil	KTC Fairless	4013252	29.07	11:23:11 AM
2342	10/9/2024	243030162		2940860	Non-haz contaminated soil	KTC Fairless	4013293	26.98	11:25:57 AM
2343	10/9/2024	243030162		2940866	Non-haz contaminated soil	KTC Fairless	4013339	27.18	11:30:16 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
2344	10/9/2024	243030162		2940864	Non-haz contaminated soil	KTC Fairless	4013415	27.71	11:35:47 AM
2345	10/9/2024	243030162		2940868	Non-haz contaminated soil	KTC Fairless	4013433	31.77	11:42:36 AM
2346	10/9/2024	243030162	24-AX329R	2940870	Non-haz contaminated soil	KTC Fairless	4013447	31.93	11:45:57 AM
2347	10/9/2024	243030162	16-AY707E	2940867	Non-haz contaminated soil	KTC Fairless	4013511	27.96	11:49:46 AM
2348	10/9/2024	243030162	08-AY706E	2940869	Non-haz contaminated soil	KTC Fairless	4013590	30.46	11:52:17 AM
2349	10/9/2024	243030162		2940839	Non-haz contaminated soil	KTC Fairless	4013610	28.77	11:57:38 AM
2350	10/9/2024	243030162		2940865	Non-haz contaminated soil	KTC Fairless	4013622	28.19	12:02:49 PM
2351	10/9/2024	243030162		2940871	Non-haz contaminated soil	KTC Fairless	4013653	33.27	12:09:57 PM
2352	10/9/2024	243030162		2940872	Non-haz contaminated soil	KTC Fairless	4013714	30.34	12:12:13 PM
2353	10/9/2024	243030162		2940840	Non-haz contaminated soil	KTC Fairless	4013763	34.68	12:14:07 PM
2354	10/9/2024	243030162	04-AY705E	2940842	Non-haz contaminated soil	KTC Fairless	4013878	24.21	12:47:22 PM
2355	10/9/2024	243030162	03-AU260R	2940843	Non-haz contaminated soil	KTC Fairless	4014154	28.62	12:55:51 PM
2356	10/9/2024	243030162	03-AZ374A	2940844	Non-haz contaminated soil	KTC Fairless	4014226	26.4	1:12:06 PM
2357	10/9/2024	243030162	29-AY902M	2940845	Non-haz contaminated soil	KTC Fairless	4014365	29.02	1:19:58 PM
2358	10/9/2024	243030162	03-AY671U	2940847	Non-haz contaminated soil	KTC Fairless	4015155	34.9	2:34:31 PM
2359	10/9/2024	243030162	03-AZ371A	2940850	Non-haz contaminated soil	KTC Fairless	4015181	30.66	2:37:10 PM
2360	10/9/2024	243030162	08-AY847K	2940848	Non-haz contaminated soil	KTC Fairless	4015193	33.51	2:39:27 PM
2361	10/9/2024	243030162	03-AY664G	2940846	Non-haz contaminated soil	KTC Fairless	4015212	34.01	2:42:42 PM
2362	10/9/2024	243030162	03-AY553W	2940853	Non-haz contaminated soil	KTC Fairless	4015306	26.25	2:51:30 PM
2363	10/9/2024	243030162	04-AX917D	2940849	Non-haz contaminated soil	KTC Fairless	4015403	33.4	3:01:11 PM
2364	10/9/2024	243030162	03-AZ375A	2940852	Non-haz contaminated soil	KTC Fairless	4015442	32.69	3:11:05 PM
2365	10/9/2024	243030162	03-AZ816G	2940851	Non-haz contaminated soil	KTC Fairless	4015635	33.25	3:26:37 PM
2366	10/9/2024	243030162	03-AY391G	2940855	Non-haz contaminated soil	KTC Fairless	4015875	27.88	3:51:44 PM
2367	10/9/2024	243030162	03-AZ373A	2940854	Non-haz contaminated soil	KTC Fairless	4015918	32.92	3:57:42 PM
2368	10/9/2024	243030162	03-AY375R	2940856	Non-haz contaminated soil	KTC Fairless	4015929	29.93	4:00:35 PM
2369	10/9/2024	2430816254		018008414FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		26.96	10:43:40 AM
2370	10/9/2024	2430816254		018008413FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		26.02	10:44:48 AM
2371	10/11/2024	243030162	LOGITECH 03-AX330R	2940838	Non-haz contaminated soil	KTC Fairless	4017548	27.58	10:26:15 AM
2372	10/11/2024	243030162	21-AY399K	2940873	Non-haz contaminated soil	KTC Fairless	4023354	30.55	10:37:47 AM
2373	10/11/2024	243030162	04-AY705E	2940875	Non-haz contaminated soil	KTC Fairless	4023579	25.63	11:05:55 AM
2374	10/11/2024	243030162	08-AY706E	2940874	Non-haz contaminated soil	KTC Fairless	4023588	29.46	11:08:13 AM
2375	10/15/2024	243100018	10JOE009	3044059	Non-haz contaminated soil	Clean Earth of Philadelphia	4028574	35.86	11:05:03 AM
2376	10/15/2024	243070409	01-AX406N	2909473	Non-haz contaminated soil	Clean Earth of Carteret	4028575	33.61	11:42:14 AM
2377	10/15/2024	243100018	10MES007	3044058	Non-haz contaminated soil	Clean Earth of Philadelphia	4032887	35.23	11:08:38 AM
2378	10/15/2024	243100018	10PIP013	3044062	Non-haz contaminated soil	Clean Earth of Philadelphia	4032905	31.12	11:09:46 AM
2379	10/15/2024	243100018	10MES003	3044056	Non-haz contaminated soil	Clean Earth of Philadelphia	4032971	29.22	11:11:57 AM
2380	10/15/2024	243100018	10JOE012	3044060	Non-haz contaminated soil	Clean Earth of Philadelphia	4033079	35.18	11:19:44 AM
2381	10/15/2024	243070409	07Andrades10	2909472	Non-haz contaminated soil	Clean Earth of Carteret	4033329	32.88	11:51:55 AM
2382	10/15/2024	243070409	07H&A8	2909475	Non-haz contaminated soil	Clean Earth of Carteret	4033363	31.45	11:55:20 AM
2383	10/15/2024	243100018	10PIP004	3044057	Non-haz contaminated soil	Clean Earth of Philadelphia	4033498	34.06	12:11:45 PM
2384	10/15/2024	243100018	10PIP008	3044061	Non-haz contaminated soil	Clean Earth of Philadelphia	4033555	31.69	12:13:10 PM
2385	10/15/2024	243070409	07ANDRADE8	2909474	Non-haz contaminated soil	Clean Earth of Carteret	4033741	33.59	12:33:15 PM
2386	10/15/2024	243100018	10JOE011	3044036	Non-haz contaminated soil	Clean Earth of Philadelphia	4033765	31.97	12:37:48 PM
2387	10/15/2024	243070409	07H&A7	2909476	Non-haz contaminated soil	Clean Earth of Carteret	4034478	34.17	2:08:26 PM
2388	10/16/2024	243070409	07DRV24	2909479	Non-haz contaminated soil	Clean Earth of Carteret	4032864	33.74	9:39:00 AM
2389	10/16/2024	243100018	10JID015	3044037	Non-haz contaminated soil	Clean Earth of Philadelphia	4036612	30.03	8:06:33 AM
2390	10/16/2024	243100018	10JID011	3044038	Non-haz contaminated soil	Clean Earth of Philadelphia	4036757	31.06	8:08:16 AM
2391	10/16/2024	243070409	07LOGI21	2909481	Non-haz contaminated soil	Clean Earth of Carteret	4037186	31.72	9:51:38 AM
2392	10/16/2024	243070409	07logi08	2909480	Non-haz contaminated soil	Clean Earth of Carteret	4037234	29.62	9:53:27 AM
2393	10/16/2024	243070409	07logi32	2909477	Non-haz contaminated soil	Clean Earth of Carteret	4037241	30.78	9:56:41 AM
2394	10/16/2024	243070409	07DRV15	2909478	Non-haz contaminated soil	Clean Earth of Carteret	4037307	33.94	10:07:33 AM
2395	10/16/2024	243070409	07DRV68	2909482	Non-haz contaminated soil	Clean Earth of Carteret	4038052	33.67	11:37:04 AM
2396	10/16/2024	243070409	07Logi44	2909483	Non-haz contaminated soil	Clean Earth of Carteret	4038725	29.99	1:00:10 PM
2397	10/16/2024	243070409	07logi04	2909484	Non-haz contaminated soil	Clean Earth of Carteret	4039854	25.76	3:04:33 PM
2398	10/17/2024	243100018	10PIP007	3044033	Non-haz contaminated soil	Clean Earth of Philadelphia	4032664	32.58	9:57:32 AM
2399	10/17/2024	243100018	10PIP029	3044032	Non-haz contaminated soil	Clean Earth of Philadelphia	4042391	33.98	10:27:07 AM
2400	10/17/2024	243100018	10PIP013	3044034	Non-haz contaminated soil	Clean Earth of Philadelphia	4042398	35.43	10:30:54 AM
2401	10/17/2024	243100018	10TEL006	3044052	Non-haz contaminated soil	Clean Earth of Philadelphia	4042540	34.03	11:08:49 AM
2402	10/21/2024	243070409	07JC43	2909469	Non-haz contaminated soil	Clean Earth of Carteret	4043809	33.07	8:38:03 AM
2403	10/21/2024	243070409	07JC38	2909468	Non-haz contaminated soil	Clean Earth of Carteret	4050205	32.53	9:05:43 AM
2404	10/21/2024	243070409	07JC34	2909467	Non-haz contaminated soil	Clean Earth of Carteret	4050288	32.86	9:21:18 AM
2405	10/21/2024	243070409	07JC39	2909470	Non-haz contaminated soil	Clean Earth of Carteret	4050300	31.89	9:24:42 AM
2406	10/21/2024	243070409	07JC40	2909471	Non-haz contaminated soil	Clean Earth of Carteret	4050363	31.87	9:41:30 AM
2407	10/22/2024	243030162	03-AZ183A	2940937	Non-haz contaminated soil	KTC Fairless	4046123	29.16	9:21:03 AM
2408	10/22/2024	243030162	03-AZ208C	2940933	Non-haz contaminated soil	KTC Fairless	4054829	30.96	9:33:30 AM
2409	10/22/2024	243030162	URIEL 03-AY848P	2940938	Non-haz contaminated soil	KTC Fairless	4054898	32.18	9:45:22 AM
2410	10/22/2024	243030162	11-AZ274E	2940935	Non-haz contaminated soil	KTC Fairless	4055003	31.51	10:02:49 AM
2411	10/22/2024	243030162		2940936	Non-haz contaminated soil	KTC Fairless	4055156	27.34	10:29:45 AM

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12096 Flatlands Avenue Site
Brooklyn, New York
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LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
2412	10/22/2024	243030162	03-AW734R	2940929	Non-haz contaminated soil	KTC Fairless	4055305	34.05	10:38:14 AM
2413	10/22/2024	243030162		2940934	Non-haz contaminated soil	KTC Fairless	4055340	25.76	10:42:20 AM
2414	10/22/2024	243030162		2940940	Non-haz contaminated soil	KTC Fairless	4055353	27.82	10:47:25 AM
2415	10/22/2024	243030162	03-AY186A	2940926	Non-haz contaminated soil	KTC Fairless	4055359	29.69	10:48:35 AM
2416	10/22/2024	243030162		2940924	Non-haz contaminated soil	KTC Fairless	4055449	29.56	11:00:19 AM
2417	10/22/2024	243030162	03-AW733R	2940925	Non-haz contaminated soil	KTC Fairless	4055450	28.75	11:00:18 AM
2418	10/22/2024	243030162	03-AW710R	2940939	Non-haz contaminated soil	KTC Fairless	4055500	33.09	11:09:02 AM
2419	10/22/2024	243030162	URIEL 03-AY688J	2940916	Non-haz contaminated soil	KTC Fairless	4055548	27.7	11:12:37 AM
2420	10/22/2024	243030162		2940918	Non-haz contaminated soil	KTC Fairless	4055588	28.31	11:18:58 AM
2421	10/22/2024	243030162		2940930	Non-haz contaminated soil	KTC Fairless	4055590	28.53	11:19:09 AM
2422	10/22/2024	243030162		2940931	Non-haz contaminated soil	KTC Fairless	4055637	28.42	11:22:35 AM
2423	10/22/2024	243030162		2940927	Non-haz contaminated soil	KTC Fairless	4055642	25.55	11:24:39 AM
2424	10/22/2024	243030162	01-AW911Z	2940932	Non-haz contaminated soil	KTC Fairless	4055655	29.63	11:27:31 AM
2425	10/22/2024	243030162	03-AU260R	2940923	Non-haz contaminated soil	KTC Fairless	4055679	32.13	11:32:22 AM
2426	10/22/2024	243030162	03-AY825A	2940911	Non-haz contaminated soil	KTC Fairless	4055741	29.26	11:42:05 AM
2427	10/22/2024	243030162	03-AX210R	2940919	Non-haz contaminated soil	KTC Fairless	4055750	28.27	11:45:33 AM
2428	10/22/2024	243030162		2940922	Non-haz contaminated soil	KTC Fairless	4055817	24.43	12:06:03 PM
2429	10/22/2024	243030162	03-AW671S	2940917	Non-haz contaminated soil	KTC Fairless	4055954	26.11	12:20:45 PM
2430	10/22/2024	243030162	03-AW672S	2940913	Non-haz contaminated soil	KTC Fairless	4055989	25.5	12:23:44 PM
2431	10/22/2024	243030162	03-AY553W	2940904	Non-haz contaminated soil	KTC Fairless	4055990	24.03	12:23:59 PM
2432	10/22/2024	243030162	44-AY740Y	2940914	Non-haz contaminated soil	KTC Fairless	4056007	25.46	12:26:16 PM
2433	10/22/2024	243030162		2940912	Non-haz contaminated soil	KTC Fairless	4056019	26.2	12:29:06 PM
2434	10/22/2024	243030162		2940910	Non-haz contaminated soil	KTC Fairless	4056031	25.12	12:31:20 PM
2435	10/22/2024	243030162		2940909	Non-haz contaminated soil	KTC Fairless	4056044	23.73	12:34:01 PM
2436	10/22/2024	243030162		2940905	Non-haz contaminated soil	KTC Fairless	4056050	24.86	12:34:49 PM
2437	10/22/2024	243030162		2940908	Non-haz contaminated soil	KTC Fairless	4056081	25.91	12:42:45 PM
2438	10/22/2024	243030162		2940915	Non-haz contaminated soil	KTC Fairless	4056090	28.78	12:43:33 PM
2439	10/22/2024	243030162		2940903	Non-haz contaminated soil	KTC Fairless	4056097	28.04	12:45:56 PM
2440	10/22/2024	243030162		2940901	Non-haz contaminated soil	KTC Fairless	4056353	27.23	1:11:58 PM
2441	10/22/2024	243030162		2940900	Non-haz contaminated soil	KTC Fairless	4056428	27.86	1:21:21 PM
2442	10/22/2024	243030162	03-AU741H	2940906	Non-haz contaminated soil	KTC Fairless	4056493	27	1:29:14 PM
2443	10/22/2024	243030162	03-AU706U	2940902	Non-haz contaminated soil	KTC Fairless	4056511	27.17	1:34:15 PM
2444	10/22/2024	243030162	01-AY234C	2940928	Non-haz contaminated soil	KTC Fairless	4056563	33.2	1:44:09 PM
2445	10/22/2024	243030162	08-AY706E	2940921	Non-haz contaminated soil	KTC Fairless	4056582	28.06	1:48:56 PM
2446	10/22/2024	243030162		2940899	Non-haz contaminated soil	KTC Fairless	4056770	24.51	2:17:29 PM
2447	10/22/2024	243030162		2940907	Non-haz contaminated soil	KTC Fairless	4056798	25.41	2:19:53 PM
2448	10/22/2024	243030162		2940894	Non-haz contaminated soil	KTC Fairless	4056973	24.4	2:41:33 PM
2449	10/22/2024	243030162		2940890	Non-haz contaminated soil	KTC Fairless	4057015	32.61	2:56:52 PM
2450	10/22/2024	243030162	03-AY769Z	2940895	Non-haz contaminated soil	KTC Fairless	4057086	24.4	3:16:57 PM
2451	10/22/2024	243030162	03-AX378P	2940893	Non-haz contaminated soil	KTC Fairless	4057102	29.64	3:19:44 PM
2452	10/22/2024	243030162	03-AX436X	2940891	Non-haz contaminated soil	KTC Fairless	4057519	28.54	3:57:27 PM
2453	10/23/2024	243030162	URIEL 03-AY848P	2940892	Non-haz contaminated soil	KTC Fairless	4046122	32.33	10:26:56 AM
2454	10/23/2024	243030162		2940897	Non-haz contaminated soil	KTC Fairless	4059342	30.17	10:26:57 AM
2455	10/23/2024	243030162		2940896	Non-haz contaminated soil	KTC Fairless	4059349	27.44	10:29:30 AM
2456	10/23/2024	243030162		2940898	Non-haz contaminated soil	KTC Fairless	4059454	28.4	10:39:16 AM
2457	10/23/2024	243030162		2940888	Non-haz contaminated soil	KTC Fairless	4059477	26.51	10:44:01 AM
2458	10/23/2024	243030162		2940882	Non-haz contaminated soil	KTC Fairless	4059484	33.92	10:47:01 AM
2459	10/23/2024	243030162		2940889	Non-haz contaminated soil	KTC Fairless	4059500	31.87	10:50:39 AM
2460	10/23/2024	243030162		2940887	Non-haz contaminated soil	KTC Fairless	4059518	30.86	10:51:51 AM
2461	10/23/2024	243030162		2940884	Non-haz contaminated soil	KTC Fairless	4059562	29.1	10:53:08 AM
2462	10/23/2024	243030162		2940886	Non-haz contaminated soil	KTC Fairless	4059680	29.64	10:57:05 AM
2463	10/23/2024	243030162		2940883	Non-haz contaminated soil	KTC Fairless	4059790	27.94	11:14:59 AM
2464	10/23/2024	243030162		2940878	Non-haz contaminated soil	KTC Fairless	4059817	27.97	11:24:10 AM
2465	10/23/2024	243030162		2940879	Non-haz contaminated soil	KTC Fairless	4059837	29.73	11:24:43 AM
2466	10/23/2024	243030162		2940880	Non-haz contaminated soil	KTC Fairless	4059874	34.59	11:28:47 AM
2467	10/23/2024	243030162		2940885	Non-haz contaminated soil	KTC Fairless	4059939	26.76	11:39:55 AM
2468	10/23/2024	243030162		2940877	Non-haz contaminated soil	KTC Fairless	4059965	29.35	11:44:24 AM
2469	10/23/2024	243030162		2940944	Non-haz contaminated soil	KTC Fairless	4060092	27.45	12:04:06 PM
2470	10/23/2024	243030162	02-AX564M	2940943	Non-haz contaminated soil	KTC Fairless	4060128	30.12	12:07:06 PM
2471	10/23/2024	243030162	03-AZ135G	2940941	Non-haz contaminated soil	KTC Fairless	4060211	32.46	12:20:22 PM
2472	10/23/2024	243030162	04-AZ215A	2940946	Non-haz contaminated soil	KTC Fairless	4060225	31.85	12:23:47 PM
2473	10/23/2024	243030162	47-AW728N	2940945	Non-haz contaminated soil	KTC Fairless	4060277	31.42	12:30:53 PM
2474	10/23/2024	243030162	03-AZ805G	2940947	Non-haz contaminated soil	KTC Fairless	4060323	31.45	12:32:49 PM
2475	10/23/2024	243030162	03-AY772L	2940881	Non-haz contaminated soil	KTC Fairless	4060336	29.38	12:35:08 PM
2476	10/23/2024	243030162	08-AY847K	2940949	Non-haz contaminated soil	KTC Fairless	4060337	34.6	12:35:15 PM
2477	10/23/2024	243030162	03-AY671U	2940948	Non-haz contaminated soil	KTC Fairless	4060389	35.14	12:41:55 PM
2478	10/23/2024	243030162	60-AX287W	2940950	Non-haz contaminated soil	KTC Fairless	4060400	29.87	12:46:51 PM
2479	10/23/2024	243030162	03-AX918P	2940942	Non-haz contaminated soil	KTC Fairless	4060506	29.25	12:59:12 PM
2480	10/23/2024	243030162	52-AW462X	2940952	Non-haz contaminated soil	KTC Fairless	4060832	28.77	1:27:39 PM

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Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
2481	10/23/2024	243030162	03-AX780C	2940953	Non-haz contaminated soil	KTC Fairless	4060888	27.43	1:32:28 PM
2482	10/23/2024	243030162	03-AW570P	2940951	Non-haz contaminated soil	KTC Fairless	4060926	26.91	1:38:32 PM
2483	10/23/2024	243030162	03-AZ370A	2940963	Non-haz contaminated soil	KTC Fairless	4060967	32.2	1:46:38 PM
2484	10/23/2024	243030162	03-AX177N	2940964	Non-haz contaminated soil	KTC Fairless	4060978	29.58	1:50:22 PM
2485	10/23/2024	243030162	03-AY464M	2940957	Non-haz contaminated soil	KTC Fairless	4061024	27.6	1:53:39 PM
2486	10/23/2024	243030162	03-AX913D	2940954	Non-haz contaminated soil	KTC Fairless	4061077	29.72	2:00:05 PM
2487	10/23/2024	243030162	54-AX226E	2940959	Non-haz contaminated soil	KTC Fairless	4061108	30.12	2:05:44 PM
2488	10/23/2024	243030162		2940962	Non-haz contaminated soil	KTC Fairless	4061130	28.27	2:08:05 PM
2489	10/23/2024	243030162		2940961	Non-haz contaminated soil	KTC Fairless	4061253	31.05	2:20:18 PM
2490	10/23/2024	243030162	08-AY584R	2940960	Non-haz contaminated soil	KTC Fairless	4061307	33.27	2:28:44 PM
2491	10/23/2024	243030162	04-AX917D	2940955	Non-haz contaminated soil	KTC Fairless	4061515	31.64	2:48:10 PM
2492	10/23/2024	243030162	03-AX781C	2940956	Non-haz contaminated soil	KTC Fairless	4061531	26.22	2:50:54 PM
2493	10/23/2024	243030162	URIEL 03-AY671N	2940958	Non-haz contaminated soil	KTC Fairless	4061764	29.01	3:20:54 PM
2494	10/24/2024	243100018	10JOE007	3044066	Non-haz contaminated soil	Clean Earth of Philadelphia	4043815	32.92	10:38:10 AM
2495	10/24/2024	243070409	07telra6	2909487	Non-haz contaminated soil	Clean Earth of Carteret	4057601	34.58	8:49:56 AM
2496	10/24/2024	243070409	07JOEL5	2909490	Non-haz contaminated soil	Clean Earth of Carteret	4063850	30.41	9:02:36 AM
2497	10/24/2024	243070409	07DRV24	2909489	Non-haz contaminated soil	Clean Earth of Carteret	4063860	25.04	9:05:35 AM
2498	10/24/2024	243070409	07pipos07	2909491	Non-haz contaminated soil	Clean Earth of Carteret	4063898	33.21	9:13:02 AM
2499	10/24/2024	243070409	07logi32	2909488	Non-haz contaminated soil	Clean Earth of Carteret	4063933	24.52	9:24:06 AM
2500	10/24/2024	243070409	07LOGI29	2909493	Non-haz contaminated soil	Clean Earth of Carteret	4064067	28.12	9:53:22 AM
2501	10/24/2024	243070409	07LOGI03	2909496	Non-haz contaminated soil	Clean Earth of Carteret	4064083	29.28	9:56:29 AM
2502	10/24/2024	243070409	07LOGI1	2909494	Non-haz contaminated soil	Clean Earth of Carteret	4064091	30.88	9:59:31 AM
2503	10/24/2024	243070409	07DRV68	2909492	Non-haz contaminated soil	Clean Earth of Carteret	4064123	28.83	10:02:42 AM
2504	10/24/2024	243070409	07logi26	2909495	Non-haz contaminated soil	Clean Earth of Carteret	4064176	30.37	10:16:03 AM
2505	10/24/2024	243100018	10TEL008	3044063	Non-haz contaminated soil	Clean Earth of Philadelphia	4064514	35.08	10:40:18 AM
2506	10/24/2024	243100018	10JOE008	3044065	Non-haz contaminated soil	Clean Earth of Philadelphia	4064721	28.29	11:05:02 AM
2507	10/24/2024	243100018	10PIP004	3044064	Non-haz contaminated soil	Clean Earth of Philadelphia	4064851	34.13	11:19:58 AM
2508	10/24/2024	243100018	10MES007	3044070	Non-haz contaminated soil	Clean Earth of Philadelphia	4064900	29.68	11:30:16 AM
2509	10/24/2024	243100018	10MES002	3044071	Non-haz contaminated soil	Clean Earth of Philadelphia	4065141	30.79	11:54:54 AM
2510	10/24/2024	243100018	10NIN003	3044072	Non-haz contaminated soil	Clean Earth of Philadelphia	4065199	32.62	12:04:26 PM
2511	10/24/2024	243100018	10LOG009	3044069	Non-haz contaminated soil	Clean Earth of Philadelphia	4065473	29.36	12:33:07 PM
2512	10/24/2024	243100018	10LOG016	3044068	Non-haz contaminated soil	Clean Earth of Philadelphia	4065580	30.19	12:49:07 PM
2513	10/24/2024	243100018	10DRV014	3044067	Non-haz contaminated soil	Clean Earth of Philadelphia	4065768	29.04	1:12:20 PM
2514	10/24/2024	243100018	10MES003	3044073	Non-haz contaminated soil	Clean Earth of Philadelphia	4065884	29.5	1:22:28 PM
2515	10/30/2024	243030162	29-AY902M	2940967	Non-haz contaminated soil	KTC Fairless	4074693	25.17	10:31:32 AM
2516	10/30/2024	243030162	08-AY847K	2940966	Non-haz contaminated soil	KTC Fairless	4081600	24.42	10:34:07 AM
2517	10/30/2024	243030162	03-AY664G	2940965	Non-haz contaminated soil	KTC Fairless	4081604	31.48	10:36:47 AM
2518	10/30/2024	243030162	03-AY671U	2940968	Non-haz contaminated soil	KTC Fairless	4081618	34.3	10:40:24 AM
2519	10/30/2024	243030162	03-AZ815G	2940969	Non-haz contaminated soil	KTC Fairless	4081656	28.98	10:51:22 AM
2520	10/31/2024	243100018	10JOE009	3044022	Non-haz contaminated soil	Clean Earth of Philadelphia	4074701	33.01	11:31:42 AM
2521	10/31/2024	243070409	07MESA04	2909235	Non-haz contaminated soil	Clean Earth of Carteret	4074744	31.07	10:07:18 AM
2522	10/31/2024	243070409	07JENCAR68	2909243	Non-haz contaminated soil	Clean Earth of Carteret	4086048	30.18	10:09:52 AM
2523	10/31/2024	243070409	07JOEL5	2909239	Non-haz contaminated soil	Clean Earth of Carteret	4086133	32.25	10:13:49 AM
2524	10/31/2024	243070409	07alas01	2909240	Non-haz contaminated soil	Clean Earth of Carteret	4086147	34.52	10:16:09 AM
2525	10/31/2024	243070409	07JENCAR69	2909242	Non-haz contaminated soil	Clean Earth of Carteret	4086161	32.69	10:20:37 AM
2526	10/31/2024	243070409	07JENCAR67	2909241	Non-haz contaminated soil	Clean Earth of Carteret	4086168	33.16	10:24:20 AM
2527	10/31/2024	243070409	07Joel8	2909234	Non-haz contaminated soil	Clean Earth of Carteret	4086180	30.75	10:26:55 AM
2528	10/31/2024	243070409	07MESA02	2909237	Non-haz contaminated soil	Clean Earth of Carteret	4086259	30.78	10:35:50 AM
2529	10/31/2024	243070409	07Mesa9	2909236	Non-haz contaminated soil	Clean Earth of Carteret	4086325	28.04	10:45:59 AM
2530	10/31/2024	243070409	07JENCAR66	2909238	Non-haz contaminated soil	Clean Earth of Carteret	4086414	26.78	11:00:14 AM
2531	10/31/2024	243100018	10JGR017	3044023	Non-haz contaminated soil	Clean Earth of Philadelphia	4086722	30.23	11:35:24 AM
2532	10/31/2024	243100018	10MES007	3044021	Non-haz contaminated soil	Clean Earth of Philadelphia	4086764	31.54	11:43:17 AM
2533	10/31/2024	243070409	07StreetHaulers01	3044027	Non-haz contaminated soil	Clean Earth of Carteret	4086857	29.83	11:55:10 AM
2534	10/31/2024	243100018	10MES001	3044028	Non-haz contaminated soil	Clean Earth of Philadelphia	4087144	29.2	12:32:50 PM
2535	10/31/2024	243100018	10JOE011	3044026	Non-haz contaminated soil	Clean Earth of Philadelphia	4087145	25.23	12:33:31 PM
2536	10/31/2024	243100018	10JOE007	3044029	Non-haz contaminated soil	Clean Earth of Philadelphia	4087148	32.35	12:34:04 PM
2537	10/31/2024	243100018	10JEN062	3044025	Non-haz contaminated soil	Clean Earth of Philadelphia	4087311	30.56	12:55:30 PM
2538	10/31/2024	243100018	10AYM002	3044024	Non-haz contaminated soil	Clean Earth of Philadelphia	4087571	24.48	1:24:10 PM
2539	10/31/2024	243100018	10JEN060	3044030	Non-haz contaminated soil	Clean Earth of Philadelphia	4087667	29.41	1:35:32 PM
2540	11/4/2024	243070409	07LOGI21	2909229	Non-haz contaminated soil	Clean Earth of Carteret	4091201	26.54	10:09:01 AM
2541	11/4/2024	243070409	07logi26	2909230	Non-haz contaminated soil	Clean Earth of Carteret	4093992	26.9	10:10:13 AM
2542	11/4/2024	243070409	07LOGI1	2909231	Non-haz contaminated soil	Clean Earth of Carteret	4094258	27.65	10:37:23 AM
2543	11/4/2024	243070409	07logi16	2909232	Non-haz contaminated soil	Clean Earth of Carteret	4094528	27.7	11:28:38 AM
2544	11/4/2024	243070409	07LOGI5	2909233	Non-haz contaminated soil	Clean Earth of Carteret	4094569	27.24	11:37:43 AM
2545	11/6/2024	243030162	03-AW690L	2940972	Non-haz contaminated soil	KTC Fairless	4097725	25.42	10:41:21 AM
2546	11/6/2024	243030162	44-AY740Y	2940971	Non-haz contaminated soil	KTC Fairless	4102970	22.02	10:44:02 AM
2547	11/6/2024	243030162	21-AY399K	2940970	Non-haz contaminated soil	KTC Fairless	4103017	27.61	10:51:48 AM
2548	11/6/2024	243030162	24-AX329R	2940973	Non-haz contaminated soil	KTC Fairless	4103076	27.38	11:00:16 AM
2549	11/6/2024	243030162	01-AU421C	2940974	Non-haz contaminated soil	KTC Fairless	4103497	26	11:50:21 AM

Table 4
Final Engineering Report
Waste Disposal Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	APPROVAL NUMBER	TRUCK NUMBER - LICENSE PLATE NUMBER	MANIFEST NUMBER	MATERIAL TYPE	DISPOSAL FACILITY	COUNTERSIGNED MANIFEST/WEIGHT TICKET RECEIEVED	AMOUNT DISPOSED OFF-SITE (tns)	TIME
2550	11/7/2024	243030162	03-AW644W	2940975	Non-haz contaminated soil	KTC Fairless	4102777	33.23	9:55:09 AM
2551	11/7/2024	243030162	50-AW645W	2940976	Non-haz contaminated soil	KTC Fairless	4107647	28.21	10:26:19 AM
2552	11/7/2024	243030162	45-AZ362B	2940979	Non-haz contaminated soil	KTC Fairless	4107686	31.3	10:31:47 AM
2553	11/7/2024	243030162	47-AW728N	2940977	Non-haz contaminated soil	KTC Fairless	4107731	30.25	10:34:53 AM
2554	11/7/2024	243030162	52-AW462X	2940978	Non-haz contaminated soil	KTC Fairless	4107781	31.04	10:36:53 AM
2555	11/7/2024	243030162	03-AX363B	2940980	Non-haz contaminated soil	KTC Fairless	4107807	32.1	10:41:22 AM
2556	11/7/2024	243030162	54-AX226E	2940981	Non-haz contaminated soil	KTC Fairless	4107836	26.38	10:48:19 AM
2557	11/7/2024	243030162	55-AX227E	2940982	Non-haz contaminated soil	KTC Fairless	4107925	27.47	10:57:46 AM
2558	11/8/2024	243030162	08-AY847K	2940983	Non-haz contaminated soil	KTC Fairless	4107071	26.02	9:50:01 AM
2559	11/8/2024	243030162	29-AY902M	2940984	Non-haz contaminated soil	KTC Fairless	4112005	25.41	9:54:29 AM
2560	11/8/2024	243030162	03-AZ815G	2940986	Non-haz contaminated soil	KTC Fairless	4112097	31.19	10:12:42 AM
2561	11/8/2024	243030162	03-AY671U	2940988	Non-haz contaminated soil	KTC Fairless	4112130	29.42	10:16:19 AM
2562	11/8/2024	243030162	03-AZ373A	2940990	Non-haz contaminated soil	KTC Fairless	4112139	26.44	10:21:59 AM
2563	11/8/2024	243030162	03-AZ816G	2940989	Non-haz contaminated soil	KTC Fairless	4112144	26.04	10:24:21 AM
2564	11/8/2024	243030162	03-AX378P	2940985	Non-haz contaminated soil	KTC Fairless	4112221	26.89	10:49:07 AM
2565	11/8/2024	243030162	03-AU927B	2940987	Non-haz contaminated soil	KTC Fairless	4112895	25.33	12:53:59 PM
2566	11/12/2024	243100018	10LOG005	3044039	Non-haz contaminated soil	Clean Earth of Philadelphia	4111370	30.29	11:22:28 AM
2567	11/12/2024	243070408	07LOGI29	2909226	Non-haz contaminated soil	Clean Earth of Carteret	4111371	30.55	10:50:16 AM
2568	11/12/2024	243030162	21-AY399K	2940992	Non-haz contaminated soil	KTC Fairless	4112582	32.15	10:02:54 AM
2569	11/12/2024	243070408	07LOGI9	2909225	Non-haz contaminated soil	Clean Earth of Carteret	4121388	31.79	10:56:33 AM
2570	11/12/2024	243030162	31-AU807Y	2940993	Non-haz contaminated soil	KTC Fairless	4121410	29.21	11:03:05 AM
2571	11/12/2024	243030162	03-AU195L	2940991	Non-haz contaminated soil	KTC Fairless	4121412	30.34	11:03:14 AM
2572	11/12/2024	243030162	03-AW733R	2940994	Non-haz contaminated soil	KTC Fairless	4121417	28.25	11:04:58 AM
2573	11/12/2024	243070408	07logi16	2909224	Non-haz contaminated soil	Clean Earth of Carteret	4121512	30.46	11:16:54 AM
2574	11/12/2024	243100018	10LOG003	3044041	Non-haz contaminated soil	Clean Earth of Philadelphia	4121591	29.07	11:25:48 AM
2575	11/12/2024	243100018	10LOG008	3044040	Non-haz contaminated soil	Clean Earth of Philadelphia	4121599	30.07	11:27:14 AM
2576	11/12/2024	243100018	10LOG004	3044043	Non-haz contaminated soil	Clean Earth of Philadelphia	4121649	24.82	11:33:03 AM
2577	11/12/2024	243030162	01-AU421C	2940995	Non-haz contaminated soil	KTC Fairless	4121833	29.51	11:49:17 AM
2578	11/12/2024	243100018	10LOG024	3044042	Non-haz contaminated soil	Clean Earth of Philadelphia	4121857	31.26	11:50:29 AM
2579	11/12/2024	243070408	07Logi44	2909228	Non-haz contaminated soil	Clean Earth of Carteret	4123470	29.04	3:08:10 PM
2580	11/12/2024	243070408	07LOGI29	2909227	Non-haz contaminated soil	Clean Earth of Carteret	4123608	28.3	3:35:54 PM
2581	11/12/2024	2430816238	34	018008487FLE	Lead-impacted Hazardous Soil	Clean Earth of North Jersey, Inc.		24.18	11:17:30 AM
2582	11/13/2024	243020038	02Joel11	2911952	Non-haz contaminated soil	Clean Earth of New Castle	4112701	27.26	1:38:05 PM
2583	11/14/2024	243100018	10DA070	3044015	Non-haz contaminated soil	Clean Earth of Philadelphia	4126929	25.28	10:45:32 AM
2584	11/14/2024	243100018	10DA017	3044017	Non-haz contaminated soil	Clean Earth of Philadelphia	4131908	24.18	11:07:35 AM
2585	11/14/2024	243100018	10DA068	3044019	Non-haz contaminated soil	Clean Earth of Philadelphia	4132022	25.93	11:18:45 AM
2586	11/14/2024	243100018	10DA036	3044013	Non-haz contaminated soil	Clean Earth of Philadelphia	4132082	32.19	11:28:56 AM
2587	11/14/2024	243100018	10DA059	3044014	Non-haz contaminated soil	Clean Earth of Philadelphia	4132110	27.23	11:32:20 AM
2588	11/14/2024	243100018	10DA030	3044018	Non-haz contaminated soil	Clean Earth of Philadelphia	4132112	26.68	11:32:56 AM
2589	11/14/2024	243100018	10DA011	3044020	Non-haz contaminated soil	Clean Earth of Philadelphia	4132325	28.45	12:03:38 PM
2590	11/15/2024	243100018	10DA029	3044016	Non-haz contaminated soil	Clean Earth of Philadelphia	4131509	29.66	7:09:49 AM
2591	11/15/2024	243100018	10ALA001	3044003	Non-haz contaminated soil	Clean Earth of Philadelphia	4135855	32.54	10:11:15 AM
2592	11/15/2024	243100018	10DRV068	3044006	Non-haz contaminated soil	Clean Earth of Philadelphia	4136205	28.36	10:58:44 AM
2593	11/15/2024	243100018	10LOG031	3044005	Non-haz contaminated soil	Clean Earth of Philadelphia	4136343	24.83	11:17:52 AM
2594	11/15/2024	243100018	10LOG032	3044004	Non-haz contaminated soil	Clean Earth of Philadelphia	4136346	27.87	11:18:22 AM
2595	11/15/2024	243100018	10KM7002	3044008	Non-haz contaminated soil	Clean Earth of Philadelphia	4136353	30.51	11:23:05 AM
2596	11/15/2024	243100018	10MAT011	3044009	Non-haz contaminated soil	Clean Earth of Philadelphia	4136395	29.14	11:28:36 AM
2597	11/15/2024	243100018	10CFB011	3044010	Non-haz contaminated soil	Clean Earth of Philadelphia	4136460	28.6	11:34:14 AM
2598	11/15/2024	243100018	10LOG026	3044007	Non-haz contaminated soil	Clean Earth of Philadelphia	4136475	28.29	11:36:27 AM
2599	11/15/2024	243100018	10STR001	3044011	Non-haz contaminated soil	Clean Earth of Philadelphia	4136785	30.6	12:26:50 PM
2600	11/15/2024	243100018	10AYM002	3044012	Non-haz contaminated soil	Clean Earth of Philadelphia	4136876	30.25	12:38:54 PM
2601	11/20/2024	243030162	03-AU427R	2940996	Non-haz contaminated soil	KTC Fairless	4144141	27.07	11:03:14 AM
2602	11/20/2024	243030162	03-AY186A	2937983	Non-haz contaminated soil	KTC Fairless	4149301	26.36	11:05:48 AM
2603	11/20/2024	243030162	03-AX884E	2940999	Non-haz contaminated soil	KTC Fairless	4149315	33.62	11:06:32 AM
2604	11/20/2024	243030162	03-AW244V	2940998	Non-haz contaminated soil	KTC Fairless	4149319	33.07	11:08:20 AM
2605	11/20/2024	243030162	03-AU873D	2937982	Non-haz contaminated soil	KTC Fairless	4149481	33.65	11:26:14 AM
2606	11/20/2024	243030162	03-AW191T	2940997	Non-haz contaminated soil	KTC Fairless	4149483	26.59	11:27:09 AM
2607	11/20/2024	243030162	03-AT878N	2937985	Non-haz contaminated soil	KTC Fairless	4149582	23.91	11:33:03 AM
2608	11/20/2024	243030162	03-AU825V	2937984	Non-haz contaminated soil	KTC Fairless	4149635	33.64	11:41:46 AM
2609	11/20/2024	243030162	03-AW840A	2937986	Non-haz contaminated soil	KTC Fairless	4149665	25.31	11:48:04 AM
2610	11/20/2024	243030162	03-AW710R	2937987	Non-haz contaminated soil	KTC Fairless	4150115	23.43	12:42:20 PM

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE01	PE02	PE03	PE04	PE05	PE06	PE07	PE08	PE09	PE10	PE11	PE12	PE13	PE14	PE15
					Sample Name	PE01_15	PE02_15	PE03_15	PE04_15	PE05_15	PE06_15	PE07_16	PE08_16	PE09_15	PE10_15	PE11_15	PE12_15	PE13_15	PE14_15	PE15_16
					Sample Date	08/12/2024	08/12/2024	09/03/2024	08/23/2024	08/23/2024	09/09/2024	08/29/2024	08/28/2024	08/12/2024	08/12/2024	08/20/2024	08/19/2024	08/20/2024	08/20/2024	08/20/2024
					Sample Depth	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5	16-16.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																				
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,1-Dichloroethane	75-34-3	0.27	0.27	26	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,1-Dichloroethene	75-35-4	0.33	0.33	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	NA	<0.0055 UJ	NA	NA	<0.0034 U	<0.0028 U	<0.0031 U	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	52	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,2-Dichloroethane	107-06-2	0.02	0.02	3.1	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	8.4	52	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	NA	<0.0055 UJ	NA	NA	<0.0034 U	<0.0028 U	<0.0031 U	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	NA	<0.0055 UJ	NA	NA	<0.0034 U	<0.0028 U	<0.0031 U	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	NA	<0.0055 UJ	NA	NA	<0.0034 U	<0.0028 U	<0.0031 U	NA	NA	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	NA	<0.0055 UJ	NA	NA	<0.0034 U	<0.0028 U	<0.0031 U	NA	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	**0.05**	0.05	100	mg/kg	0.021	0.013	0.014 J	<0.0033 U	0.0089	**0.059**	0.021	<0.0061 U	0.0096	**0.056**	0.012	<0.0026 U	0.0082	**0.082**	0.0073 J
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.004 U	<0.0035 U	<0.011 UJ	<0.0033 U	<0.0028 U	<0.0068 UJ	<0.0055 U	<0.0061 U	<0.0024 U	<.005 U	<0.0025 U	<0.0026 U	<.003 U	<0.0044 U	<0.0063 UJ
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Benzene	71-43-2	0.06	0.06	4.8	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	NA	<0.0055 UJ	NA	NA	<0.0034 U	<0.0028 U	<0.0031 U	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.002 U	0.0018 J	<0.0055 UJ	<0.0017 U	0.0043	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	0.0032	<0.0015 U	<0.0022 U	<0.0032 U
Carbon Tetrachloride	56-23-5	0.76	0.76	2.4	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Chlorobenzene	108-90-7	1.1	1.1	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Chloroform	67-66-3	0.37	0.37	49	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Cis-1,2-Dichloroethene	156-59-2	0.25	0.25	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.002 UJ	<0.0017 UJ	<0.0055 UJ	<0.0017 UJ	<0.0014 UJ	<0.0034 UJ	<0.0028 U	<0.0031 U	<0.0012 UJ	<0.0025 UJ	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Ethylbenzene	100-41-4	1	1	41	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.004 U	<0.0035 U	<0.011 UJ	<0.0033 U	<0.0028 U	<0.0068 U	<0.0055 U	<0.0061 U	<0.0024 U	<.005 U	<0.0025 U	<0.0026 U	<.003 U	<0.0044 U	<0.0063 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	0.0026 J	<0.0032 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	0.12	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	0.0029	0.017	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Methylene Chloride	75-09-2	0.05	0.05	100	mg/kg	<0.004 U	<0.0035 U	<0.011 UJ	<0.0033 U	<0.0028 U	<0.0068 U	<0.0055 U	<0.0061 U	<0.0024 U	<.005 U	<0.0025 U	<0.0026 U	<.003 U	<0.0044 U	<0.0063 U
n-Butylbenzene	104-51-8	12	12	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
n-Propylbenzene	103-65-1	3.9	3.9	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Sec-Butylbenzene	135-98-8	11	11	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
T-Butylbenzene	98-06-6	5.9	5.9	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.002 UJ	<0.0017 UJ	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 UJ	<0.0025 UJ	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 UJ
Tert-Butyl Methyl Ether	1634-04-4	0.93	0.93	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	19	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Toluene	108-88-3	0.7	0.7	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Total Xylenes	1330-20-7	0.26	1.6	100	mg/kg	<0.0061 U	<0.0052 U	<0.016 UJ	<0.005 U	<0.0043 U	<0.01 U	<0.0083 U	<0.0092 U	<0.0035 U	<0.0075 U	<0.0038 U	<0.0039 U	<0.0044 U	<0.0066 U	<0.0095 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	NA	<0.0017 U	<0.0014 U	NA	NA	NA	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Trichloroethene (TCE)	79-01-6	0.47	0.47	21	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 U	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U
Vinyl Chloride	75-01-4	0.02	0.02	0.9	mg/kg	<0.002 U	<0.0017 U	<0.0055 UJ	<0.0017 U	<0.0014 U	<0.0034 UJ	<0.0028 U	<0.0031 U	<0.0012 U	<0.0025 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0022 U	<0.0032 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE01	PE02	PE03	PE04	PE05	PE06	PE07	PE08	PE09	PE10	PE11	PE12	PE13	PE14	PE15
					Sample Name	PE01_15	PE02_15	PE03_15	PE04_15	PE05_15	PE06_15	PE07_16	PE08_16	PE09_15	PE10_15	PE11_15	PE12_15	PE13_15	PE14_15	PE15_16
					Sample Date	08/12/2024	08/12/2024	09/03/2024	08/23/2024	08/23/2024	09/09/2024	08/29/2024	08/28/2024	08/12/2024	08/12/2024	08/20/2024	08/19/2024	08/20/2024	08/20/2024	08/20/2024
					Sample Depth	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5	16-16.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																				
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.111 U	<0.102 U	<0.109 U	<0.101 U	<0.0979 U	<0.0935 U	<0.088 U	<0.0903 U	<0.118 U	<0.115 U	<0.102 U	<0.0967 U	<0.106 U	<0.181 U	<0.0899 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	<0.0192 U	<0.0192 U	<0.0185 U	<0.0192 U	<0.0189 U	<0.0192 U	<0.0198 U	<0.0192 U	<0.0194 U	<0.0196 U	<0.0189 U	<0.0189 U	<0.0189 U	<0.0189 U	<0.0189 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.111 U	<0.102 U	<0.109 U	<0.101 U	<0.0979 U	<0.0935 U	<0.088 U	<0.0903 U	<0.118 U	<0.115 U	<0.102 U	<0.0967 U	<0.106 U	<0.181 U	<0.0899 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.111 U	<0.102 U	<0.109 U	<0.101 U	<0.0979 U	<0.0935 U	<0.088 U	<0.0903 UJ	<0.118 U	<0.115 U	<0.102 U	<0.0967 U	<0.106 U	<0.181 U	<0.0899 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.111 U	<0.102 U	<0.109 U	<0.101 U	<0.0979 U	<0.0935 U	<0.088 U	<0.0903 U	<0.118 U	<0.115 U	<0.102 U	<0.0967 U	<0.106 U	<0.181 U	<0.0899 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.111 U	<0.102 U	<0.109 U	<0.101 U	<0.0979 U	<0.0935 U	<0.088 U	<0.0903 U	<0.118 U	<0.115 U	<0.102 U	<0.0967 U	<0.106 U	<0.181 U	<0.0899 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.111 U	<0.102 U	<0.109 U	<0.101 U	<0.0979 U	<0.0935 U	<0.088 U	<0.0903 UJ	<0.118 U	<0.115 U	<0.102 U	<0.0967 U	<0.106 U	<0.181 U	<0.0899 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.111 U	<0.102 U	<0.109 U	<0.101 U	<0.0979 U	<0.0935 U	<0.088 U	<0.0903 U	<0.118 U	<0.115 U	<0.102 U	<0.0967 U	<0.106 U	<0.181 U	<0.0899 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.111 U	<0.102 U	<0.109 U	<0.101 U	<0.0979 U	<0.0935 U	<0.088 U	<0.0903 U	<0.118 U	<0.115 U	<0.102 U	<0.0967 U	<0.106 U	<0.181 U	<0.0899 U
Acenaphthene	83-32-9	20	98	100	mg/kg	<0.0556 U	<0.0511 U	0.117 D	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Acenaphthylene	208-96-8	100	107	100	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	<0.222 U	<0.204 U	<0.219 U	<0.203 U	<0.196 U	<0.187 U	<0.176 U	<0.181 U	<0.236 U	<0.23 U	<0.205 U	<0.194 U	<0.212 U	<0.362 U	<0.18 U
Anthracene	120-12-7	100	1000	100	mg/kg	<0.0556 U	<0.0511 U	0.321 D	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.222 U	<0.204 U	<0.219 U	<0.203 U	<0.196 U	<0.187 U	<0.176 U	<0.181 U	<0.236 U	<0.23 U	<0.205 U	<0.194 U	<0.212 U	<0.362 U	<0.18 U
Benzo(a)anthracene	56-55-3	1	1	1	mg/kg	0.0877 JD	0.0619 JD	0.344 D	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	0.109 JD	<0.0576 U	<0.0512 U	<0.0485 U	0.0879 J	<0.0906 U	<0.0451 U
Benzo(a)pyrene	50-32-8	1	22	1	mg/kg	0.0913 JD	0.0741 JD	0.272 D	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	0.11 JD	<0.0576 U	<0.0512 U	<0.0485 U	0.0685 J	<0.0906 U	<0.0451 U
Benzo(b)fluoranthene	205-99-2	1	1.7	1	mg/kg	0.115 D	0.079 JD	0.176 D	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	0.114 JD	<0.0576 U	<0.0512 U	<0.0485 U	0.0871 J	<0.0906 U	<0.0451 U
Benzo(g,h,i)Perylene	191-24-2	100	1000	100	mg/kg	0.0576 JD	<0.0511 U	0.197 D	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	0.0641 JD	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	3.9	mg/kg	<0.0556 U	<0.0511 U	0.186 D	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 UJ	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.111 U	<0.102 U	<0.109 U	<0.101 U	<0.0979 U	<0.0935 U	<0.088 U	<0.0903 U	<0.118 U	<0.115 U	<0.102 U	<0.0967 U	<0.106 U	<0.181 U	<0.0899 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Chrysene	218-01-9	1	1	3.9	mg/kg	0.086 JD	0.0627 JD	0.386 D	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	0.11 JD	<0.0576 U	<0.0512 U	<0.0485 U	0.156 J	<0.0906 U	<0.0451 U
Dibenz(a,h)anthracene	53-70-3	0.33	1000	0.33	mg/kg	<0.0556 U	<0.0511 U	0.0734 JD	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Dibenzofuran	132-64-9	7	210	59	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	0.0609 J	<0.0906 U	<0.0451 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	<0.111 U	<0.102 U	NA	<0.101 U	<0.0979 U	NA	NA	NA	<0.118 U	<0.115 U	<0.102 U	<0.0967 U	<0.106 U	<0.181 U	<0.0899 U
Fluoranthene	206-44-0	100	1000	100	mg/kg	0.147 D	0.0839 JD	0.686 D	0.0673 JD	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	0.191 D	<0.0576 U	<0.0512 U	<0.0485 U	0.19 J	0.205 J	<0.0451 U
Fluorene	86-73-7	30	386	100	mg/kg	<0.0556 U	<0.0511 U	0.172 D	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Hexachlorobenzene	118-74-1	0.33	3.2	1.2	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 UJ	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.5	mg/kg	0.0611 JD	<0.0511 U	0.194 D	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	0.0651 JD	<0.0576 U	<0.0512 U	<0.0485 U	0.0558 J	<0.0906 U	<0.0451 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	0.282 D	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Pentachlorophenol	87-86-5	0.8	0.8	6.7	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Phenanthrene	85-01-8	100	1000	100	mg/kg	0.1 JD	0.0709 JD	1.11 D	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	0.163 D	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	0.169 J	<0.0451 U
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.0556 U	<0.0511 U	<0.0548 U	<0.0508 U	<0.049 U	<0.0469 U	<0.0441 U	<0.0453 U	<0.0591 U	<0.0576 U	<0.0512 U	<0.0485 U	<0.053 U	<0.0906 U	<0.0451 U
Pyrene	129-00-0	100	1000	100	mg/kg	0.157 D	0.102 D	0.757 D	0.0624 JD	<0.049 U	<0.0469 U	0.0577 JD	<0.0453 U	0.211 D	<0.0576 U	<0.0512 U	<0.0485 U	0.151 J	0.153 J	<0.0451 U
Pyridine	110-86-1	NS	NS	NS	mg/kg	NA	NA	<0.219 U	NA	NA	<0.187 U	<0.176 U	<0.181 U	NA	NA	NA	NA	NA	NA	NA

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE01	PE02	PE03	PE04	PE05	PE06	PE07	PE08	PE09	PE10	PE11	PE12	PE13	PE14	PE15
					Sample Name	PE01_15	PE02_15	PE03_15	PE04_15	PE05_15	PE06_15	PE07_16	PE08_16	PE09_15	PE10_15	PE11_15	PE12_15	PE13_15	PE14_15	PE15_16
					Sample Date	08/12/2024	08/12/2024	09/03/2024	08/23/2024	08/23/2024	09/09/2024	08/29/2024	08/28/2024	08/12/2024	08/12/2024	08/20/2024	08/19/2024	08/20/2024	08/20/2024	08/20/2024
					Sample Depth	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5	16-16.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																				
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
4,4'-DDE	72-55-9	**0.0033**	17	8.9	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
4,4'-DDT	50-29-3	**0.0033**	136	7.9	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Aldrin	309-00-2	0.005	0.19	0.097	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.48	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Alpha Chlordane	5103-71-9	0.094	2.9	4.2	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Alpha Endosulfan	959-98-8	2.4	102	24	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.09	0.36	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Beta Endosulfan	33213-65-9	2.4	102	24	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0439 U	<0.0405 U	NA	<0.0404 U	<0.039 U	NA	NA	NA	<0.0473 U	<0.0459 UJ	<0.0411 U	<0.0379 U	<0.0409 U	<0.0703 U	<0.0357 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.25	100	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Dieldrin	60-57-1	0.005	0.1	0.2	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Endosulfan Sulfate	1031-07-8	2.4	1000	24	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Endrin	72-20-8	0.014	0.06	11	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Gamma Bhc (Lindane)	58-89-9	0.1	0.1	1.3	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Heptachlor	76-44-8	0.042	0.38	2.1	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00219 U	<0.00202 U	<0.00218 U	<0.00202 U	<0.00195 U	<0.00186 U	<0.00173 U	<0.00179 U	<0.00237 U	<0.00229 UJ	<0.00206 U	<0.00189 U	<0.00205 U	<0.00352 U	<0.00178 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.219 U	<0.202 U	<0.218 U	<0.202 U	<0.195 U	<0.186 U	<0.173 U	<0.179 U	<0.237 U	<0.229 UJ	<0.206 U	<0.189 U	<0.205 U	<0.352 U	<0.178 U
Herbicides																				
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.0262 U	<0.0244 U	<0.0265 U	<0.0245 U	<0.0236 U	<0.0228 U	<0.0211 U	<0.0219 U	<0.0283 U	<0.0274 U	<0.0248 U	<0.0229 U	<0.0254 U	<0.0433 U	<0.0218 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.0262 U	<0.0244 U	<0.0265 U	<0.0245 U	<0.0236 U	<0.0228 U	<0.0211 U	<0.0219 U	<0.0283 U	<0.0274 U	<0.0248 U	<0.0229 U	<0.0254 U	<0.0433 U	<0.0218 U
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.0262 U	<0.0244 U	<0.0265 U	<0.0245 U	<0.0236 U	<0.0228 U	<0.0211 U	<0.0219 U	<0.0283 U	<0.0274 U	<0.0248 U	<0.0229 U	<0.0254 U	<0.0433 U	<0.0218 U
Polychlorinated Biphenyl																				
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0221 U	<0.0204 U	<0.0221 U	<0.0204 U	<0.0197 U	<0.0188 U	<0.0175 U	<0.0181 U	<0.0239 UJ	<0.0232 UJ	<0.0206 U	NA	<0.0209 U	<0.036 U	<0.0181 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0221 U	<0.0204 U	<0.0221 U	<0.0204 U	<0.0197 U	<0.0188 U	<0.0175 U	<0.0181 U	<0.0239 UJ	<0.0232 UJ	<0.0206 U	<0.0192 U	<0.0209 U	<0.036 U	<0.0181 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0221 U	<0.0204 U	<0.0221 U	<0.0204 U	<0.0197 U	<0.0188 U	<0.0175 U	<0.0181 U	<0.0239 UJ	<0.0232 UJ	<0.0206 U	<0.0192 U	<0.0209 U	<0.036 U	<0.0181 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0221 U	<0.0204 U	<0.0221 U	<0.0204 U	<0.0197 U	<0.0188 U	<0.0175 U	<0.0181 U	0.376 J	<0.0232 UJ	<0.0206 U	<0.0192 U	<0.0209 U	<0.036 U	<0.0181 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0221 U	<0.0204 U	<0.0221 U	<0.0204 U	<0.0197 U	<0.0188 U	<0.0175 U	<0.0181 U	<0.0239 UJ	<0.0232 UJ	<0.0206 U	<0.0192 U	<0.0209 U	<0.036 U	<0.0181 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0221 U	<0.0204 U	<0.0221 U	<0.0204 U	<0.0197 U	<0.0188 U	<0.0175 U	<0.0181 U	<0.0239 UJ	<0.0232 UJ	<0.0206 U	<0.0192 U	<0.0209 U	<0.036 U	<0.0181 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0221 U	<0.0204 U	<0.0221 U	<0.0204 U	<0.0197 U	<0.0188 U	<0.0175 U	<0.0181 U	0.052 J	<0.0232 UJ	<0.0206 U	<0.0192 U	<0.0209 U	<0.036 U	<0.0181 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	0.183 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0221 U	**0.183 J**	<0.0221 U	<0.0204 U	<0.0197 U	<0.0188 U	<0.0175 U	<0.0181 U	**0.428 J**	<0.0232 UJ	<0.0206 U	<0.0192 U	<0.0209 U	<0.036 U	<0.0181 U
Metals																				
Aluminum	7429-90-5	NS	NS	NS	mg/kg	8,790	11,100	9,140	7,730	7,380	8,500	5,360	5,480	10,400	8,090	8,630	11,900	7,780	15,500	4,090
Antimony	7440-36-0	NS	NS	NS	mg/kg	<2.78 U	<2.59 U	<2.77 U	<2.57 U	<2.48 UJ	<2.39 U	<2.2 UJ	<2.31 U	<3 UJ	<2.91 U	<2.6 U	<2.43 U	<2.65 U	<4.56 U	<2.3 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	6.01	2.71	5.78	3.77	3.22	1.99	2.5	1.95	5.41	9.73	<1.56 U	2.81	1.75	6.69	<1.38 U
Barium	7440-39-3	**350**	820	400	mg/kg	231	44.4	190	45.5	12.8 J	20.1	12.4 J	12.3	153	**606**	10.1	11.5	33	170	8.73
Beryllium	7440-41-7	7.2	47	72	mg/kg	0.3	0.186	0.465	0.277	0.168	0.277	<0.044 U	<0.047 U	0.276	0.453	0.344 J	0.35 J	0.286 J	0.584 J	0.267 J
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	0.578	<0.311 U	0.432	<0.308 U	<0.297 U	<0.287 U	<0.265 U	<0.277 U	0.432	0.93	<0.313 U	<0.292 U	<0.318 U	<0.547 U	<0.276 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	2,130	869	3,480	2,510	596 J	575	511	519	3,300 J	6,170	471	580	424	8,740	307
Chromium, Hexavalent	18540-29-9	1	19	110	mg/kg	<0.667 U	<0.621 U	<0.664 U	<0.616 U	<0.595 U	<0.574 U	<0.529 UJ	<0.554 UJ	<0.719 U	<0.698 U	<0.625 U	<0.583 U	<0.636 UJ	<1.09 UJ	<0.552 UJ
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	21.3	19	17.4	12.1	13.3	14.5	15.3	11.3	23.1	32.2	10.8	21.7	13.9	30.8	7.92
Chromium, Trivalent	16065-83-1	**30**	NS	180	mg/kg	21.3	19	17.4	12.1	13.3	14.5	15.3	11.3	23.1	**32.2**	10.8	21.7	13.9	**30.8**	7.92
Cobalt	7440-48-4	NS	NS	NS	mg/kg	5.48	4.33	5.14	2.84	5.29 J	4.81	3.18	4.4	4.18	6.5	2.29	4.54	2.7	8.32	3.17
Copper	7440-50-8	**50**	1720	270	mg/kg	**62.6 J**	14.9 J	48.9	18.1	7.73	12	9.08	8.47	35.4 J	**146**	3.58	8.74	4.69	49.2	9.13
Cyanide	57-12-5	27	40	27	mg/kg	2	<0.621 U	<0.664 U	<0.616 U	<0.595 U	<0.574 U	<0.529 U	<0.554 U	<0.719 U	<0.698 U	<0.625 U	<0.583 U	<0.636 U	<1.09 U	<0.552 U
Iron	7439-89-6	NS	NS	NS	mg/kg	15,600	11,700	13,700	7,660	9,660	10,400	11,300	8,890	14,300 J	31,400	6,760	12,700	8,620	23,500	8,000
Lead	7439-92-1	**63**	450	400	mg/kg	**256**	**104**	**180**	25.9	9.79 J	4.63	5.23 J	3.72	**158 J**	**466**	5.84	7.87	13.1	**564**	3.53
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,710	1,810	1,370	1,220	1,360	1,780	1,450	1,870	1,770	775	1,170	1,750	1,290	5,330	1,540
Manganese	7439-96-5	1600	2000	2000	mg/kg	130	70.8	153	74.6	55.4	56.7	56.8	62	135 J	219	40.9	52.1	37.3	151	42.5
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	**0.298**	**0.323**	**0.231**	**0.449**	0.145	<0.0344 U	<0.0318 UJ	<0.0332 U	**0.288**	**0.346**	<0.0375 U	<0.035 U	0.163	**0.388**	<0.0331 U
Nickel	7440-02-0	**30**	130	310	mg/kg	19.3	13.5	17.4	10	10.7	21	12.5	16.4	15.2	16	8.77	15.6	9.16	30	12.2
Potassium	7440-09-7	NS	NS	NS	mg/kg	777	670	645	528	439	396	<440 U	568 B	649	468	404 B	512 B	365 B	1,030 B	424 B
Selenium	7782-49-2	**3.9**	4	180	mg/kg	<2.78 U	<2.59 U	<2.77 U	<2.57 U	<2.48 U	<2.39 U	<2.2 U	<2.31 U	<3 U	<2.91 U	<2.6 U	<2.43 U	<2.65 U	<4.56 U	<2.3 U
Silver	7440-22-4	2	8.3	180	mg/kg	<0.56 UJ	<0.522 UJ	<0.558 U	<0.517 U	<0.499 U	<0.482 U	<0.445 UJ	<0.465 U	<0.604 UJ	<0.586 U	<0.525 U	<0.49 U	<0.535 U	<0.919 U	<0.463 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	528	231	938	105 J	<49.5 U	72.3	<44.3 U	50.8 J	452 J	881	111	62.3	83.3	305	<46 U
Thallium	7440-28-0	NS	NS	NS	mg/kg	<2.78 U	<2.59 U	<2.77 U	<2.57 U	<2.48 U	<2.39 U	<2.2 U	<2.31 U	<3 U	<2.91 U	<2.6 U	<2.43 U	<2.65 U	<4.56 U	<2.3 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	22.6	22.5	22.7	15.6	16.8	19.3	22.1	13.6	20.6	19.7	14.5	26.8	15.6	34.3	12.3
Zinc	7440-66-6	**109**	2480	10000	mg/kg	**287**	78.8	**267**	42.4	20.9 J	15.3	16	17.3	**192 J**	**444**	12.3	17.6	17.9	**221**	12.9

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE01	PE02	PE03	PE04	PE05	PE06	PE07	PE08	PE09	PE10	PE11	PE12	PE13	PE14	PE15
					Sample Name	PE01_15	PE02_15	PE03_15	PE04_15	PE05_15	PE06_15	PE07_16	PE08_16	PE09_15	PE10_15	PE11_15	PE12_15	PE13_15	PE14_15	PE15_16
					Sample Date	08/12/2024	08/12/2024	09/03/2024	08/23/2024	08/23/2024	09/09/2024	08/29/2024	08/28/2024	08/12/2024	08/12/2024	08/20/2024	08/19/2024	08/20/2024	08/20/2024	08/20/2024
					Sample Depth	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5	16-16.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
General Chemistry																				
Solids, Percent	SOLID	NS	NS	NS	Percent	75	80.5	75.3	81.2	84.1	87.1	94.5	90.2	69.5	71.7	80	85.7	78.6	45.7	90.6
Per- and Polyfluoroalkyl Substances																				
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NS	NS	NS	mg/kg	<0.00041 UJ	<0.000383 UJ	<0.000411 U	<0.00038 U	<0.000368 U	<0.000351 U	<0.000324 U	<0.000339 U	<0.000446 UJ	<0.00043 UJ	<0.000388 UJ	<0.000362 UJ	<0.000394 UJ	<0.000669 UJ	<0.000338 UJ
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	NS	NS	NS	mg/kg	<0.000995 UJ	<0.000931 U	<0.000999 U	<0.000923 U	<0.000892 U	<0.000851 U	<0.000786 U	<0.000824 U	<0.00108 UJ	<0.00104 UJ	<0.000942 U	<0.000879 U	<0.000957 UJ	<0.00162 U	<0.00082 U
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2FTS)	757124-72-4	NS	NS	NS	mg/kg	<0.000784 UJ	<0.000733 UJ	<0.000787 UJ	<0.000727 U	<0.000703 U	<0.000671 UJ	<0.00062 UJ	<0.000649 UJ	<0.000853 UJ	<0.000822 UJ	<0.000742 UJ	<0.000693 UJ	<0.000754 UJ	<0.00128 U	<0.000646 U
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2FTS)	27619-97-2	NS	NS	NS	mg/kg	<0.000784 U	<0.000733 U	<0.000787 UJ	<0.000727 U	<0.000703 U	<0.000671 UJ	<0.00062 U	<0.000649 U	<0.000853 U	<0.000822 UJ	<0.000742 U	<0.000693 U	<0.000754 U	<0.00128 U	<0.000646 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3	NS	NS	NS	mg/kg	<0.00276 U	<0.00259 U	<0.00278 U	<0.00256 U	<0.00248 U	<0.00237 U	<0.00219 U	<0.00229 U	<0.00301 U	<0.0029 U	<0.00262 U	<0.00244 U	<0.00266 U	<0.00451 U	<0.00228 U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4	NS	NS	NS	mg/kg	<0.00198 U	<0.00185 U	<0.00198 U	<0.00183 U	<0.00177 U	<0.00169 U	<0.00156 U	<0.00164 U	<0.00215 U	<0.00207 U	<0.00187 U	<0.00175 U	<0.0019 U	<0.00322 U	<0.00163 U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5	NS	NS	NS	mg/kg	<0.000835 U	<0.000782 U	<0.000839 U	<0.000775 UJ	<0.000749 UJ	<0.000715 U	<0.00066 U	<0.000692 U	<0.000908 U	<0.000876 U	<0.000791 U	<0.000738 U	<0.000804 U	<0.00136 U	<0.000688 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	<0.000229 U	<0.000214 U	<0.00023 U	<0.000213 U	<0.000206 U	<0.000196 U	<0.000181 U	<0.00019 U	<0.000249 U	<0.00024 U	<0.000217 U	<0.000203 U	<0.000221 U	<0.000374 U	<0.000189 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NS	NS	NS	mg/kg	<0.000324 UJ	<0.000303 UJ	<0.000325 U	<0.000301 U	<0.000291 U	<0.000277 U	<0.000256 U	<0.000268 U	<0.000352 UJ	<0.00034 UJ	<0.000307 U	<0.000286 U	<0.000312 U	<0.000529 U	<0.000267 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	NS	NS	mg/kg	<0.000801 U	<0.000749 U	<0.000804 U	<0.000743 U	<0.000719 U	<0.000685 U	<0.000633 U	<0.000663 U	<0.000871 U	<0.00084 U	<0.000759 U	<0.000708 UJ	<0.000771 U	<0.00131 U	<0.00066 UJ
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	NS	NS	mg/kg	<0.000261 U	<0.000244 U	<0.000262 U	<0.000242 U	<0.000234 U	<0.000223 U	<0.000206 U	<0.000216 U	<0.000284 U	<0.000274 U	<0.000247 U	<0.000231 U	<0.000251 U	<0.000426 U	<0.000215 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	<0.000256 U	<0.000239 U	<0.000257 U	<0.000237 U	<0.000229 U	<0.000219 U	<0.000202 UJ	<0.000212 U	<0.000278 U	<0.000268 UJ	<0.000242 U	<0.000226 U	<0.000246 U	<0.000417 U	<0.000211 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	NS	NS	mg/kg	<0.000918 U	<0.000859 U	<0.000922 U	<0.000852 U	<0.000824 U	<0.000786 U	<0.000726 UJ	<0.00076 U	<0.000999 U	<0.000963 U	<0.00087 U	<0.000812 U	<0.000883 U	<0.0015 U	<0.000757 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	NS	NS	mg/kg	<0.000237 U	<0.000222 UJ	<0.000238 U	<0.00022 U	<0.000213 U	<0.000203 U	<0.000188 U	<0.000196 U	<0.000258 U	<0.000249 U	<0.000225 U	<0.00021 UJ	<0.000228 U	<0.000387 U	<0.000195 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	<0.000195 U	<0.000182 U	<0.000196 U	<0.000181 U	<0.000175 U	<0.000167 U	<0.000154 U	<0.000161 U	<0.000212 U	<0.000204 U	<0.000185 U	<0.000172 U	<0.000188 U	<0.000318 U	<0.000161 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	NS	NS	mg/kg	<0.000805 U	<0.000753 U	<0.000808 U	<0.000747 U	<0.000722 U	<0.000689 U	<0.000636 UJ	<0.000666 U	<0.000875 U	<0.000844 U	<0.000762 U	<0.000712 U	<0.000774 U	<0.00131 U	<0.000663 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NS	NS	NS	mg/kg	<0.000254 U	<0.000238 U	<0.000255 U	<0.000236 U	<0.000228 U	<0.000218 U	<0.000201 U	<0.000211 U	<0.000277 U	<0.000267 U	<0.000241 U	<0.000225 U	<0.000245 U	<0.000415 U	<0.00021 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NS	NS	NS	mg/kg	<0.000183 U	<0.000171 U	<0.000184 U	<0.00017 U	<0.000164 U	<0.000157 U	<0.000145 U	<0.000152 U	<0.000199 U	<0.000192 U	<0.000173 U	<0.000162 U	<0.000176 U	<0.000299 U	<0.000151 U
Perfluoro-3-methoxypropanoic acid	377-73-1	NS	NS	NS	mg/kg	<0.0000817 U	<0.0000764 U	<0.0000802 U	<0.0000758 UJ	<0.0000733 UJ	<0.0000699 U	<0.0000646 U	<0.0000676 U	<0.0000888 U	<0.0000857 U	<0.0000774 U	<0.0000722 U	<0.0000786 U	<0.000133 U	<0.0000673 U
Perfluoro-4-methoxybutanoic acid	863090-89-5	NS	NS	NS	mg/kg	<0.000127 U	<0.000118 U	<0.000127 U	<0.000117 U	<0.000113 U	<0.000108 U	<0.0001 U	<0.000105 U	<0.000138 U	<0.000133 U	<0.00012 U	<0.000112 U	<0.000122 U	<0.000206 U	<0.000104 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	<0.000146 U	<0.000137 U	<0.000147 U	<0.000136 U	<0.000131 UJ	<0.000125 U	<0.000116 U	<0.000121 U	<0.000159 U	<0.000153 U	<0.000138 U	<0.000129 UJ	<0.000141 UJ	<0.000239 U	<0.000121 U
Perfluorobutanoic acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	<0.000144 U	<0.000134 U	<0.000144 U	<0.000133 UJ	<0.000129 U	<0.000123 U	<0.000114 UJ	<0.000119 UJ	<0.000156 U	<0.000151 U	<0.000136 UJ	<0.000127 UJ	<0.000138 U	<0.000234 U	<0.000118 U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	<0.000252 UJ	<0.000235 UJ	<0.000253 U	<0.000233 U	<0.000226 U	<0.000215 U	<0.000199 U	<0.000208 U	<0.000274 UJ	<0.000264 UJ	<0.000238 U	<0.000222 U	<0.000242 U	<0.000411 U	<0.000207 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	<0.000252 U	<0.000235 U	<0.000253 U	<0.000233 U	<0.000226 U	<0.000215 U	<0.000199 U	<0.000208 U	<0.000274 U	<0.000264 U	<0.000238 U	<0.000222 U	<0.000242 U	<0.000411 U	<0.000207 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	NS	NS	mg/kg	<0.000223 UJ	<0.000208 UJ	<0.000224 UJ	<0.000207 U	<0.0002 U	<0.000191 UJ	<0.000176 U	<0.000184 U	<0.000242 UJ	<0.000233 UJ	<0.000211 UJ	<0.000197 UJ	<0.000214 UJ	<0.000363 UJ	<0.000184 UJ
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	<0.000215 U	<0.000201 U	<0.000216 U	<0.000199 U	<0.000193 U	<0.000184 U	<0.00017 U	<0.000178 U	<0.000234 U	<0.000225 U	<0.000203 U	<0.00019 U	<0.000207 U	<0.00035 U	<0.000177 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	<0.000204 U	<0.000191 U	<0.000205 U	<0.000189 U	<0.000183 U	<0.000175 U	<0.000161 U	<0.000169 U	<0.000222 U	0.000236 J	<0.000193 U	<0.000181 U	<0.000196 U	<0.000333 U	<0.000168 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	<0.000138 U	<0.000129 U	<0.000139 U	<0.000128 UJ	<0.000124 U	<0.000118 U	<0.000109 U	<0.000115 U	<0.00015 UJ	<0.000145 U	<0.000131 U	<0.000122 UJ	<0.000133 U	<0.000226 U	<0.000114 U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	<0.000236 U	<0.000221 U	0.000544	<0.000219 U	<0.000212 U	<0.000202 U	<0.000186 U	<0.000195 U	<0.000256 U	0.0029	<0.000223 U	<0.000208 U	<0.000227 U	<0.000385 U	<0.000194 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	<0.0000698 U	<0.0000653 U	<0.0000701 U	<0.0000648 U	<0.0000626 U	<0.0000597 U	<0.0000552 U	<0.0000578 U	<0.0000759 U	<0.0000732 U	<0.0000661 U	<0.0000617 U	<0.0000672 U	<0.000114 U	<0.0000575 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	<0.000163 U	<0.000153 U	<0.000164 U	<0.000152 U	<0.000147 U	<0.00014 U	<0.000129 U	<0.000135 U	<0.000178 U	<0.000171 U	<0.000155 U	<0.000144 U	<0.000157 U	<0.000267 U	<0.000135 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	<0.000249 U	<0.000233 U	<0.00025 U	<0.000231 U	<0.000223 U	<0.000213 U	<0.000197 U	<0.000206 U	<0.000271 U	<0.000261 U	<0.000236 U	<0.00022 U	<0.00024 U	<0.000406 U	<0.000205 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	mg/kg	<0.000192 U	<0.00018 U	<0.000193 U	<0.000178 U	<0.000173 U	<0.000165 U	<0.000152 U	<0.000159 U	<0.000209 U	<0.000202 U	<0.000182 U	<0.00017 U	<0.000185 U	<0.000314 U	<0.000159 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.00088**	0.001	0.044	mg/kg	<0.00022 U	<0.000206 U	**0.00161**	<0.000204 U	<0.000197 U	<0.000188 U	<0.000174 U	<0.000182 U	<0.000239 U	0.000391	<0.000208 U	<0.000194 U	<0.000212 U	<0.000359 U	<0.000181 U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.00066	0.0008	0.033	mg/kg	<0.000227 U	<0.000212 U	<0.000228 U	<0.00021 U	<0.000203 U	<0.000194 U	<0.000179 U	<0.000188 U	<0.000246 U	<0.000238 U	<0.000215 U	<0.0002 U	<0.000218 U	<0.00037 U	<0.000187 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	<0.000144 U	<0.000134 U	<0.000144 U	<0.000133 U	<0.000129 U	<0.000123 U	<0.000114 U	<0.000119 U	<0.000156 U	<0.000151 U	<0.000136 U	<0.000127 U	<0.000138 U	<0.000234 U	<0.000118 U
Perfluoropentansulfonic Acid (PFPeS)	2706-91-4	NS	NS	NS	mg/kg	<0.000207 U	<0.000194 U	<0.000208 U	<0.000192 U	<0.000186 U	<0.000177 U	<0.000164 U	<0.000171 U	<0.000225 U	<0.000217 U	<0.000196 U	<0.000183 U	<0.000199 U	<0.000337 U	<0.00017 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	mg/kg	<0.000136 U	<0.000127 U	<0.000136 U	<0.000126 U	<0.000122 U	<0.000116 U	<0.000107 U	<0.000112 U	<0.000148 U	<0.000142 U	<0.000129 U	<0.00012 U	<0.000131 U	<0.000221 U	<0.000112 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	<0.000165 U	<0.000154 U	<0.000165 U	<0.000153 U	<0.000148 U	<0.000141 U	<0.00013 U	<0.000136 U	<0.000179 U	<0.000173 U	<0.000156 U	<0.000146 U	<0.000158 U	<0.000269 U	<0.000136 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	mg/kg	<0.000261 U	<0.000244 U	<0.000262 U	<0.000242 U	<0.000234 U	<0.000223 U	<0.000206 U	<0.000216 U	<0.000284 U	<0.000274 U	<0.000247 U	<0.000231 U	<0.000251 U	<0.000426 U	<0.000215 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE16	PE17	PE18	PE19	PE20	PE21	PE22	PE23	PE24	PE24	PE25	PE26	PE27	PE28	PE29	PE30
					Sample Name	PE16_15	PE17_15	PE18_15	PE19_15	PE20_15	PE21_15	PE22_16	PE23_16	PE24_15	DUP_09062024	PE25_15	PE26_15	PE27_15	PE28_15	PE29_15	PE30_16
					Sample Date	09/05/2024	08/12/2024	08/12/2024	08/19/2024	08/19/2024	08/22/2024	08/20/2024	08/20/2024	09/06/2024	09/06/2024	08/02/2024	08/02/2024	08/19/2024	08/19/2024	08/22/2024	08/20/2024
					Sample Depth	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5	16-16.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,1-Dichloroethane	75-34-3	0.27	0.27	26	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,1-Dichloroethene	75-35-4	0.33	0.33	100	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0029 U	NA	NA	NA	NA	NA	NA	NA	<0.0026 U	<0.0028 U	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	52	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,2-Dichloroethane	107-06-2	0.02	0.02	3.1	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	8.4	52	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0029 U	NA	NA	NA	NA	NA	NA	NA	<0.0026 U	<0.0028 U	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.12 U	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0029 U	NA	NA	NA	NA	NA	NA	NA	<0.0026 U	<0.0028 U	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0029 U	NA	NA	NA	NA	NA	NA	NA	<0.0026 U	<0.0028 U	NA	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0029 U	NA	NA	NA	NA	NA	NA	NA	<0.0026 U	<0.0028 U	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	**0.05**	0.05	100	mg/kg	<0.0058 U	0.028	0.013	0.018	0.0059 J	0.0068 J	0.05	**0.12**	<0.0052 U	<0.011 U	0.035	**0.055**	0.026 J	**0.067**	**0.14**	**0.11**
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.0058 U	<0.0029 U	<0.0061 U	<0.0047 U	<0.0034 U	<0.0043 UJ	<0.005 U	<0.0038 U	<0.0052 U	<0.0055 U	<0.012 U	<0.0077 U	<0.0031 UJ	<0.0052 U	<0.012 UJ	<0.003 UJ
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Benzene	71-43-2	0.06	0.06	4.8	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0029 U	NA	NA	NA	NA	NA	NA	NA	<0.0026 U	<0.0028 U	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	0.004 J	0.0021 J	0.0048 J	<0.0061 U	<0.0015 U
Carbon Tetrachloride	56-23-5	0.76	0.76	2.4	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Chlorobenzene	108-90-7	1.1	1.1	100	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Chloroform	67-66-3	0.37	0.37	49	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Cis-1,2-Dichloroethene	156-59-2	0.25	0.25	100	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 UJ	<0.0031 UJ	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Ethylbenzene	100-41-4	1	1	41	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0058 U	<0.0029 U	<0.0061 U	<0.0047 U	<0.0034 U	<0.0043 U	<0.005 U	<0.0038 U	<0.0052 U	<0.0055 U	<0.012 U	<0.0077 U	<0.0031 UJ	<0.0052 U	<0.012 U	<0.003 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.0029 U	0.0025 J	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	0.12	100	mg/kg	<0.0029 U	0.0098	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	0.006	0.0032 J	<0.0026 U	<0.0028 U	<0.006 U	0.0084	0.0028 J	0.02	0.026	0.0071
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Methylene Chloride	75-09-2	0.05	0.05	100	mg/kg	<0.0058 U	<0.0029 U	<0.0061 U	<0.0047 U	<0.0034 U	<0.0043 U	<0.005 U	<0.0038 U	<0.0052 U	<0.0055 U	<0.012 U	<0.0077 U	<0.0031 UJ	<0.0052 U	<0.012 U	<0.003 U
n-Butylbenzene	104-51-8	12	12	100	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
n-Propylbenzene	103-65-1	3.9	3.9	100	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Sec-Butylbenzene	135-98-8	11	11	100	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
T-Butylbenzene	98-06-6	5.9	5.9	100	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 UJ	<0.0031 UJ	<0.0024 U	<0.0017 U	<0.0022 UJ	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 UJ	<0.0015 UJ
Tert-Butyl Methyl Ether	1634-04-4	0.93	0.93	100	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	19	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Toluene	108-88-3	0.7	0.7	100	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Total Xylenes	1330-20-7	0.26	1.6	100	mg/kg	<0.0087 U	<0.0043 U	<0.0092 U	<0.0071 U	<0.0051 U	<0.0065 U	<0.0075 U	<0.0057 U	<0.0077 U	<0.0083 U	<0.018 U	<0.012 U	<0.0047 UJ	<0.0079 U	<0.018 U	<0.0045 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	NA	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	NA	NA	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Trichloroethene (TCE)	79-01-6	0.47	0.47	21	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U
Vinyl Chloride	75-01-4	0.02	0.02	0.9	mg/kg	<0.0029 U	<0.0014 U	<0.0031 U	<0.0024 U	<0.0017 U	<0.0022 U	<0.0025 U	<0.0019 U	<0.0026 U	<0.0028 U	<0.006 U	<0.0038 U	<0.0016 UJ	<0.0026 U	<0.0061 U	<0.0015 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE16	PE17	PE18	PE19	PE20	PE21	PE22	PE23	PE24	PE24	PE25	PE26	PE27	PE28	PE29	PE30
					Sample Name	PE16_15	PE17_15	PE18_15	PE19_15	PE20_15	PE21_15	PE22_16	PE23_16	PE24_15	DUP_09062024	PE25_15	PE26_15	PE27_15	PE28_15	PE29_15	PE30_16
					Sample Date	09/05/2024	08/12/2024	08/12/2024	08/19/2024	08/19/2024	08/22/2024	08/20/2024	08/20/2024	09/06/2024	09/06/2024	08/02/2024	08/02/2024	08/19/2024	08/19/2024	08/22/2024	08/20/2024
					Sample Depth	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5	16-16.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.097 U	<0.108 U	<0.11 U	<0.111 U	<0.119 U	<0.112 U	<0.112 U	<0.114 U	<0.0981 U	<0.0966 U	<0.119 U	<0.107 U	<0.0998 U	<0.138 U	<0.289 U	<0.112 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	<0.0189 U	<0.0198 U	<0.0198 U	<0.0187 UJ	<0.0189 U	<0.0194 U	<0.0189 U	<0.0189 U	<0.019 U	<0.019 U	<0.0187 U	<0.0194 U	<0.0187 U	<0.019 U	NA	<0.0189 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.097 U	<0.108 U	<0.11 U	<0.111 U	<0.119 U	<0.112 U	<0.112 U	<0.114 U	<0.0981 U	<0.0966 U	<0.119 U	<0.107 U	<0.0998 U	<0.138 U	<0.289 U	<0.112 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.097 U	<0.108 U	<0.11 U	<0.111 U	<0.119 U	<0.112 U	<0.112 U	<0.114 U	<0.0981 U	<0.0966 U	<0.119 U	<0.107 U	<0.0998 U	<0.138 U	<0.289 U	<0.112 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.097 U	<0.108 U	<0.11 U	<0.111 U	<0.119 U	<0.112 U	<0.112 U	<0.114 U	<0.0981 U	<0.0966 U	<0.119 U	<0.107 U	<0.0998 U	<0.138 U	<0.289 U	<0.112 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.097 U	<0.108 U	<0.11 U	<0.111 U	<0.119 U	<0.112 U	<0.112 U	<0.114 U	<0.0981 U	<0.0966 U	<0.119 U	<0.107 U	<0.0998 U	<0.138 U	<0.289 U	<0.112 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.097 U	<0.108 U	<0.11 U	<0.111 U	<0.119 U	<0.112 U	<0.112 U	<0.114 U	<0.0981 UJ	<0.0966 U	<0.119 U	<0.107 U	<0.0998 U	<0.138 U	<0.289 U	<0.112 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.097 U	<0.108 U	<0.11 U	<0.111 U	<0.119 U	<0.112 U	<0.112 U	<0.114 U	<0.0981 U	<0.0966 U	<0.119 U	<0.107 U	<0.0998 U	<0.138 U	<0.289 U	<0.112 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.097 U	<0.108 U	<0.11 U	<0.111 U	<0.119 U	<0.112 U	<0.112 U	<0.114 U	<0.0981 U	<0.0966 U	<0.119 U	<0.107 U	<0.0998 U	<0.138 U	<0.289 U	<0.112 U
Acenaphthene	83-32-9	20	98	100	mg/kg	<0.0486 U	<0.0544 U	0.0569 JD	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Acenaphthylene	208-96-8	100	107	100	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	<0.194 U	<0.217 U	<0.219 U	<0.222 U	<0.239 U	<0.224 U	<0.224 U	<0.228 U	<0.197 U	<0.193 U	<0.238 U	<0.214 U	<0.2 U	<0.276 U	<0.579 U	<0.224 U
Anthracene	120-12-7	100	1000	100	mg/kg	<0.0486 U	<0.0544 U	0.134 D	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	0.107 D	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.194 U	<0.217 U	<0.219 U	<0.222 U	<0.239 U	<0.224 U	<0.224 U	<0.228 U	<0.197 U	<0.193 U	<0.238 U	<0.214 U	<0.2 U	<0.276 U	<0.579 U	<0.224 U
Benzo(a)anthracene	56-55-3	1	1	1	mg/kg	<0.0486 U	0.142 D	0.247 D	0.0744 JD	<0.0598 U	0.143 D	0.0887 J	<0.057 U	<0.0492 U	0.232 D	<0.0595 U	0.315 D	<0.05 U	<0.0692 U	0.18 JD	0.075 J
Benzo(a)pyrene	50-32-8	1	22	1	mg/kg	<0.0486 U	0.14 D	0.24 D	<0.0556 U	<0.0598 U	0.128 D	0.0905 J	<0.057 U	0.0494 J	0.248 J	0.0597 JD	0.354 D	<0.05 U	<0.0692 U	<0.145 U	0.0669 J
Benzo(b)fluoranthene	205-99-2	1	1.7	1	mg/kg	<0.0486 U	0.16 D	0.245 D	0.0753 JD	<0.0598 U	0.164 D	0.126 J	<0.057 U	<0.0492 U	0.201 D	0.0759 JD	0.365 D	<0.05 U	<0.0692 U	<0.145 U	0.0794 J
Benzo(g,h,i)Perylene	191-24-2	100	1000	100	mg/kg	<0.0486 U	0.0928 JD	0.15 D	<0.0556 U	<0.0598 U	0.0822 JD	0.0663 J	<0.057 U	<0.0492 U	0.13 D	<0.0595 U	0.203 D	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	3.9	mg/kg	<0.0486 U	0.0642 JD	0.0867 JD	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	0.215 D	<0.0595 U	0.109 D	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	0.0846 JD	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	0.0757 JD	1.58 D	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.097 U	<0.108 U	<0.11 U	<0.111 U	<0.119 U	<0.112 U	<0.112 U	<0.114 U	<0.0981 U	<0.0966 U	<0.119 U	<0.107 U	<0.0998 U	<0.138 U	<0.289 U	<0.112 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Chrysene	218-01-9	1	1	3.9	mg/kg	<0.0486 U	0.153 D	0.292 D	0.0744 JD	<0.0598 U	0.135 D	0.116 J	<0.057 U	<0.0492 U	0.224 D	0.0626 JD	0.339 D	<0.05 U	<0.0692 U	<0.145 U	0.0669 J
Dibenz(a,h)anthracene	53-70-3	0.33	1000	0.33	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Dibenzofuran	132-64-9	7	210	59	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	NA	<0.108 U	<0.11 U	<0.111 U	<0.119 U	<0.112 U	<0.112 U	<0.114 U	NA	NA	<0.119 U	<0.107 U	<0.0998 U	<0.138 U	<0.289 U	<0.112 U
Fluoranthene	206-44-0	100	1000	100	mg/kg	<0.0486 U	0.271 D	0.518 D	0.155 D	<0.0598 U	0.309 D	0.243 J	<0.057 U	0.0722 JD	0.249 D	0.0891 JD	0.462 D	<0.05 U	<0.0692 U	0.43 D	0.163 J
Fluorene	86-73-7	30	386	100	mg/kg	<0.0486 U	<0.0544 U	0.0806 JD	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Hexachlorobenzene	118-74-1	0.33	3.2	1.2	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.5	mg/kg	<0.0486 U	0.098 JD	0.151 D	<0.0556 U	<0.0598 U	0.1 JD	0.0726 J	<0.057 U	<0.0492 U	0.168 D	<0.0595 U	0.211 D	<0.05 U	<0.0692 U	<0.145 U	0.0616 J
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	1.63 J
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Pentachlorophenol	87-86-5	0.8	0.8	6.7	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Phenanthrene	85-01-8	100	1000	100	mg/kg	<0.0486 U	0.199 D	0.594 D	0.124 D	<0.0598 U	0.158 D	0.185 J	<0.057 U	<0.0492 U	0.141 D	<0.0595 U	0.447 D	<0.05 U	<0.0692 U	0.277 JD	0.0678 J
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.0486 U	<0.0544 U	<0.0549 U	<0.0556 U	<0.0598 U	<0.056 U	<0.0562 U	<0.057 U	<0.0492 U	<0.0484 U	<0.0595 U	<0.0536 U	<0.05 U	<0.0692 U	<0.145 U	<0.056 U
Pyrene	129-00-0	100	1000	100	mg/kg	<0.0486 U	0.31 D	0.71 D	0.162 D	<0.0598 U	0.242 D	0.207 J	<0.057 U	0.0722 J	0.277 J	0.11 JD	0.614 D	<0.05 U	<0.0692 U	0.33 D	0.135 J
Pyridine	110-86-1	NS	NS	NS	mg/kg	<0.194 U	NA	NA	NA	NA	NA	NA	NA	<0.197 U	<0.193 U	NA	NA	NA	NA	NA	NA

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE16	PE17	PE18	PE19	PE20	PE21	PE22	PE23	PE24	PE24	PE25	PE26	PE27	PE28	PE29	PE30
					Sample Name	PE16_15	PE17_15	PE18_15	PE19_15	PE20_15	PE21_15	PE22_16	PE23_16	PE24_15	DUP_09062024	PE25_15	PE26_15	PE27_15	PE28_15	PE29_15	PE30_16
					Sample Date	09/05/2024	08/12/2024	08/12/2024	08/19/2024	08/19/2024	08/22/2024	08/20/2024	08/20/2024	09/06/2024	09/06/2024	08/02/2024	08/02/2024	08/19/2024	08/19/2024	08/22/2024	08/20/2024
					Sample Depth	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5	16-16.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																					
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
4,4'-DDE	72-55-9	**0.0033**	17	8.9	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
4,4'-DDT	50-29-3	**0.0033**	136	7.9	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Aldrin	309-00-2	0.005	0.19	0.097	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.48	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Alpha Chlordane	5103-71-9	0.094	2.9	4.2	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Alpha Endosulfan	959-98-8	2.4	102	24	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.09	0.36	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Beta Endosulfan	33213-65-9	2.4	102	24	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	<0.0425 U	<0.0433 UJ	<0.0434 U	<0.0467 U	<0.0441 U	<0.0439 U	<0.0863 U	NA	NA	<0.0474 U	<0.042 U	<0.0391 U	<0.0541 U	<0.114 U	<0.044 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.25	100	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Dieldrin	60-57-1	0.005	0.1	0.2	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Endosulfan Sulfate	1031-07-8	2.4	1000	24	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Endrin	72-20-8	0.014	0.06	11	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Gamma Bhc (Lindane)	58-89-9	0.1	0.1	1.3	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Heptachlor	76-44-8	0.042	0.38	2.1	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00192 U	<0.00213 U	<0.00217 UJ	<0.00217 U	<0.00234 U	<0.0022 U	<0.0022 U	<0.00432 U	<0.00189 U	<0.00192 U	<0.00237 U	<0.0021 U	<0.00196 U	<0.0027 U	<0.0057 U	<0.0022 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.192 U	<0.213 U	<0.217 UJ	<0.217 U	<0.234 U	<0.22 U	<0.22 U	<0.432 U	<0.189 U	<0.192 U	<0.237 U	<0.21 U	<0.196 U	<0.27 U	<0.57 U	<0.22 U
Herbicides																					
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.0232 U	<0.0257 U	<0.0263 U	<0.0262 U	<0.0282 U	<0.0267 U	<0.0273 U	<0.0275 U	<0.0235 U	<0.0235 U	<0.0289 U	<0.0256 U	<0.0236 U	<0.0331 U	<0.07 U	<0.0271 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.0232 U	<0.0257 U	<0.0263 U	<0.0262 U	<0.0282 U	<0.0267 U	<0.0273 U	<0.0275 U	<0.0235 U	<0.0235 U	<0.0289 U	<0.0256 U	<0.0236 U	<0.0331 U	<0.07 U	<0.0271 U
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.0232 U	<0.0257 U	<0.0263 U	<0.0262 U	<0.0282 U	<0.0267 U	<0.0273 U	<0.0275 U	<0.0235 U	<0.0235 U	<0.0289 U	<0.0256 U	<0.0236 U	<0.0331 U	<0.07 U	<0.0271 U
Polychlorinated Biphenyl																					
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0194 U	<0.0215 U	<0.0219 UJ	<0.0221 U	<0.0238 U	<0.0223 U	<0.0225 U	<0.0226 U	<0.0191 U	<0.0194 U	<0.0239 U	<0.0212 U	<0.0199 U	<0.0275 U	<0.0575 U	<0.0223 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0194 U	<0.0215 U	<0.0219 UJ	<0.0221 U	<0.0238 U	<0.0223 U	<0.0225 U	<0.0226 U	<0.0191 U	<0.0194 U	<0.0239 U	<0.0212 U	<0.0199 U	<0.0275 U	<0.0575 U	<0.0223 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0194 U	<0.0215 U	<0.0219 UJ	<0.0221 U	<0.0238 U	<0.0223 U	<0.0225 U	<0.0226 U	<0.0191 U	<0.0194 U	<0.0239 U	<0.0212 U	<0.0199 U	<0.0275 U	<0.0575 U	<0.0223 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0194 U	<0.0215 U	<0.0219 UJ	<0.0221 U	<0.0238 U	<0.0223 U	<0.0225 U	<0.0226 U	<0.0191 U	<0.0194 U	<0.0239 U	<0.0212 U	<0.0199 U	<0.0275 U	<0.0575 U	<0.0223 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0194 U	<0.0215 U	<0.0219 UJ	<0.0221 U	<0.0238 U	<0.0223 U	<0.0225 U	<0.0226 U	<0.0191 U	<0.0194 U	<0.0239 U	<0.0212 U	<0.0199 U	<0.0275 U	<0.0575 U	<0.0223 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0194 U	<0.0215 U	<0.0219 UJ	<0.0221 U	<0.0238 U	<0.0223 U	<0.0225 U	<0.0226 U	<0.0191 U	<0.0194 U	<0.0239 U	<0.0212 U	<0.0199 U	<0.0275 U	<0.0575 U	<0.0223 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0194 U	<0.0215 U	<0.0219 UJ	<0.0221 U	<0.0238 U	<0.0223 U	<0.0225 U	<0.0226 U	<0.0191 U	<0.0194 U	0.0297	<0.0212 U	<0.0199 U	<0.0275 U	<0.0575 U	<0.0223 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	0.0279	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0194 U	0.0279	<0.0219 UJ	<0.0221 U	<0.0238 U	<0.0223 U	0.0402	<0.0226 U	<0.0191 U	<0.0194 U	0.0297	<0.0212 U	<0.0199 U	<0.0275 U	<0.0575 U	<0.0223 U
Metals																					
Aluminum	7429-90-5	NS	NS	NS	mg/kg	8,070	7,770	7,530	7,420	6,340	7,260	6,790	6,800	8,610	8,700	3,740	4,660	8,650	5,430	6,110	7,920
Antimony	7440-36-0	NS	NS	NS	mg/kg	<2.43 U	<2.72 U	<2.75 U	<2.79 U	<3 U	<2.83 U	<2.85 U	<2.88 U	<2.46 UJ	<2.45 U	<3.02 U	<2.68 U	<2.51 U	<3.47 U	<7.32 U	<2.83 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	2.68	6.1	9.75	9.11	8.08	7	8.6	4.59	7.93	9.19	**18.1**	12.6	1.57	8.29	<4.39 U	9.8
Barium	7440-39-3	**350**	820	400	mg/kg	71.5	**354**	215	173	287	222	327	179	**675 J**	**828**	**4,050**	**603**	8	**705**	23	**708**
Beryllium	7440-41-7	7.2	47	72	mg/kg	<0.049 U	0.392	0.439	0.401 J	0.384 J	0.317	0.399 J	0.311 J	<0.05 U	<0.049 U	0.181	3.41	0.271 J	0.361 J	0.322	0.34 J
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	<0.292 U	0.446	0.373	0.413	0.78	0.623	0.683	0.391	0.699	0.952	1.29	0.793	<0.301 U	1.37	<0.878 U	0.771
Calcium	7440-70-2	NS	NS	NS	mg/kg	2,750	5,350	3,500	4,620	3,310	3,750	2,610	3,300	4,970 J	12,500 J	7,030	3,880	471	3,600	9,890	7,080
Chromium, Hexavalent	18540-29-9	1	19	110	mg/kg	<0.584 U	<0.653 U	<0.659 U	<0.669 U	<0.72 U	<0.679 U	<0.683 U	<0.691 U	<0.59 UJ	<0.589 U	<0.725 U	<0.643 U	<0.602 U	<0.833 U	<1.76 U	<0.68 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	15.7	18	18.7	16	21.9	16.8	16.6	18.6	25.7 J	23.6	34.6	85.9	12.7	20.1	14.6	26.3
Chromium, Trivalent	16065-83-1	**30**	NS	180	mg/kg	15.7	18	18.7	16	21.9	16.8	16.6	18.6	25.7	23.6	**34.6**	**85.9**	12.7	20.1	14.6	26.3
Cobalt	7440-48-4	NS	NS	NS	mg/kg	4.71	4.05	6.03	4.93	4.67	3.6	6.22	4.57	6.86 J	3.81 J	3.75	6.71	2.48	4.42	2.11	5.49
Copper	7440-50-8	**50**	1720	270	mg/kg	15.1 J	**79.7**	**86.8**	43.7	42.4	42.9	**80.4**	49.1	**313 J**	**93.1 J**	**85.2**	**107**	3.97	45	18.8	**105**
Cyanide	57-12-5	27	40	27	mg/kg	<0.584 U	<0.653 U	0.725	<0.669 U	<0.72 U	<0.679 U	<0.683 U	<0.691 U	<0.59 U	<0.589 U	1.02	0.643	<0.602 U	<0.833 U	<1.76 U	<0.68 U
Iron	7439-89-6	NS	NS	NS	mg/kg	11,000	15,000	18,000	20,300	16,800	13,100	26,700	14,500	17,700	18,300	32,500	28,000	7,290	24,800	11,300	20,500
Lead	7439-92-1	**63**	450	400	mg/kg	42.6	**416**	**185**	**226**	**347**	**289**	**300**	**225**	**458 J**	**490**	**660**	**519**	3.71	**374**	15.9	**963**
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,940	1,510	1,260	1,470	1,230	1,620	1,170	2,070	1,910	2,110	579	619	1,590	1,030	5,160	1,890
Manganese	7439-96-5	1600	2000	2000	mg/kg	69.6	155	167	245	183	145	195	79.9	140 J	159	171	182	62.3	215	492	156
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	0.18	0.147	**0.371**	**0.466**	**0.648**	**0.807**	**0.579**	**0.384**	**0.335 J**	**0.505**	**0.634**	**0.944**	<0.0361 U	**0.296**	0.117	**0.382**
Nickel	7440-02-0	**30**	130	310	mg/kg	14.7	14.2	19	15.4	15	13	18.8	16.7	23.9	19.9	15.8	17.6	10.6	13	7.76	19
Potassium	7440-09-7	NS	NS	NS	mg/kg	461 B	502	524	522 B	473 B	656	495 B	552 B	590 B	698 B	374	403	501 B	559 B	1,340	762 B
Selenium	7782-49-2	**3.9**	4	180	mg/kg	<2.43 U	<2.72 U	<2.75 U	<2.79 U	<3 U	<2.83 U	<2.85 U	<2.88 U	<2.46 U	<2.45 U	<3.02 U	<2.68 U	<2.51 U	<3.47 U	<7.32 U	<2.83 U
Silver	7440-22-4	2	8.3	180	mg/kg	<0.49 U	<0.548 U	<0.554 U	<0.562 U	<0.605 U	<0.571 U	0.581	<0.58 U	<0.496 U	0.883	<0.609 U	<0.54 U	<0.506 U	<0.7 U	<1.47 U	<0.572 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	74.6	649	500	244	403	393 J	417	275	487	469	3,410 J	631 J	85.2	860	842 J	959
Thallium	7440-28-0	NS	NS	NS	mg/kg	<2.43 U	<2.72 U	<2.75 U	<2.79 U	<3 U	<2.83 U	<2.85 U	<2.88 U	<2.46 U	<2.45 U	<3.02 U	<2.68 U	<2.51 U	<3.47 U	<7.32 U	<2.83 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	19.5	19.1	19	17.7	18.1	19.6	19.5	17.2	34.8	29.1	18.9	21.6	15.4	15.9	19.3	18.1
Zinc	7440-66-6	**109**	2480	10000	mg/kg	86.3	**345**	**268**	**223**	**332**	**230**	**447**	**309**	**556 J**	**731**	**2,410**	**451**	14.8	**621**	14.5	**560**

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE16	PE17	PE18	PE19	PE20	PE21	PE22	PE23	PE24	PE24	PE25	PE26	PE27	PE28	PE29	PE30
					Sample Name	PE16_15	PE17_15	PE18_15	PE19_15	PE20_15	PE21_15	PE22_16	PE23_16	PE24_15	DUP_09062024	PE25_15	PE26_15	PE27_15	PE28_15	PE29_15	PE30_16
					Sample Date	09/05/2024	08/12/2024	08/12/2024	08/19/2024	08/19/2024	08/22/2024	08/20/2024	08/20/2024	09/06/2024	09/06/2024	08/02/2024	08/02/2024	08/19/2024	08/19/2024	08/22/2024	08/20/2024
					Sample Depth	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5	16-16.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	15-15.5	16-16.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
General Chemistry																					
Solids, Percent	SOLID	NS	NS	NS	Percent	85.7	76.6	75.9	74.7	69.4	73.6	73.2	72.4	84.7	84.9	68.9	77.7	83	60	28.5	73.5
Per- and Polyfluoroalkyl Substances																					
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NS	NS	NS	mg/kg	<0.000362 U	<0.000404 UJ	<0.000407 UJ	<0.000409 UJ	0.000728 J	<0.000415 U	<0.000422 UJ	<0.00043 UJ	<0.000363 U	<0.000363 U	<0.00045 UJ	<0.000394 UJ	<0.000905 U	<0.000518 UJ	<0.00109 U	<0.000422 UJ
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	NS	NS	NS	mg/kg	<0.00088 U	<0.000981 UJ	<0.000987 UJ	<0.000992 UJ	<0.00107 U	<0.00101 UJ	<0.00103 UJ	<0.00104 U	<0.000881 UJ	<0.000882 UJ	<0.00109 U	<0.000956 U	<0.000904 UJ	<0.00126 UJ	<0.00264 UJ	<0.00103 UJ
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2FTS)	757124-72-4	NS	NS	NS	mg/kg	<0.000693 UJ	<0.000773 UJ	<0.000778 UJ	<0.000782 UJ	<0.000843 U	<0.000794 UJ	<0.000808 UJ	<0.000822 UJ	<0.000694 U	<0.000695 UJ	<0.000862 U	<0.000753 U	<0.000713 UJ	<0.000992 UJ	<0.00208 UJ	<0.000808 UJ
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2FTS)	27619-97-2	NS	NS	NS	mg/kg	<0.000693 UJ	<0.000773 UJ	<0.000778 UJ	<0.000782 UJ	<0.000843 U	<0.000794 U	<0.000808 UJ	<0.000822 U	<0.000694 U	<0.000695 UJ	<0.000862 U	<0.000753 U	<0.000713 U	<0.000992 UJ	<0.00208 U	<0.000808 UJ
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3	NS	NS	NS	mg/kg	<0.00244 U	<0.00273 U	<0.00274 U	<0.00276 U	<0.00297 U	<0.0028 U	<0.00285 U	<0.0029 U	<0.00245 U	<0.00245 U	<0.00304 U	<0.00266 U	<0.00251 U	<0.0035 U	<0.00734 U	<0.00285 U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4	NS	NS	NS	mg/kg	<0.00175 U	<0.00195 U	<0.00196 U	<0.00197 U	<0.00213 U	<0.002 U	<0.00204 U	<0.00207 U	<0.00175 U	<0.00175 U	<0.00217 U	<0.0019 U	<0.0018 U	<0.0025 U	<0.00525 U	<0.00204 U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5	NS	NS	NS	mg/kg	<0.000739 U	<0.000824 U	<0.000829 U	<0.000833 U	<0.000899 UJ	<0.000846 UJ	<0.000861 U	<0.000876 U	<0.00074 U	<0.000741 U	<0.000918 UJ	<0.000803 UJ	<0.000759 U	<0.00106 U	<0.00222 UJ	<0.000861 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	<0.000203 U	<0.000226 U	<0.000227 U	<0.000229 U	<0.000247 U	<0.000232 U	<0.000236 U	<0.00024 U	<0.000203 U	<0.000203 U	<0.000252 U	<0.00022 U	<0.000208 U	<0.00029 U	<0.000609 U	<0.000236 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NS	NS	NS	mg/kg	<0.000287 U	<0.00032 UJ	<0.000322 UJ	<0.000323 U	<0.000349 U	<0.000328 U	<0.000334 U	<0.00034 U	<0.000287 U	<0.000287 U	<0.000356 UJ	<0.000311 UJ	<0.000295 U	<0.00041 U	<0.00086 U	<0.000334 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	NS	NS	mg/kg	<0.000708 U	<0.00079 U	<0.000795 U	<0.000799 U	<0.000862 U	<0.000811 U	<0.000826 U	<0.00084 U	<0.000709 U	<0.00071 U	<0.00088 U	<0.00077 U	<0.000728 U	<0.00101 U	<0.00213 U	<0.000826 U
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	NS	NS	mg/kg	<0.000231 U	<0.000257 U	<0.000259 U	<0.0026 U	<0.000281 U	<0.000264 U	<0.000269 U	<0.000274 U	<0.000231 U	<0.000231 U	<0.000287 U	<0.000251 U	<0.000237 U	<0.00033 U	<0.000693 U	<0.000269 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	<0.000226 UJ	<0.000252 UJ	<0.000254 U	<0.000255 U	<0.000275 U	<0.000259 U	<0.000263 U	<0.000268 U	<0.000226 UJ	<0.000227 U	<0.000281 UJ	<0.000246 UJ	<0.000232 U	<0.000323 U	<0.000679 U	<0.000263 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	NS	NS	mg/kg	<0.000812 U	<0.000906 U	<0.000911 U	<0.000916 U	<0.000988 U	<0.00093 U	<0.000947 U	<0.000963 U	<0.000813 U	<0.000814 U	<0.00101 U	<0.000882 U	<0.000835 U	<0.00116 U	<0.00244 U	<0.000947 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	NS	NS	mg/kg	<0.00021 U	<0.000234 UJ	<0.000235 U	<0.000237 U	<0.000255 UJ	<0.00024 U	<0.000244 U	<0.000249 U	<0.00021 U	<0.00021 U	<0.000261 UJ	<0.000228 UJ	<0.000216 U	<0.0003 U	<0.00063 U	<0.000244 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	<0.000172 U	<0.000192 U	<0.000194 U	<0.000195 U	<0.00021 U	<0.000198 U	<0.000201 U	<0.000204 U	<0.000173 U	<0.000173 U	<0.000214 UJ	<0.000187 UJ	<0.000177 U	<0.000247 U	<0.000518 U	<0.000201 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	NS	NS	mg/kg	<0.000712 U	<0.000794 U	<0.000799 U	<0.000803 U	<0.000866 U	<0.000815 U	<0.00083 U	<0.000844 U	<0.000713 U	<0.000714 U	<0.000885 U	<0.000774 U	<0.000732 U	<0.00102 U	<0.00214 U	<0.00083 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NS	NS	NS	mg/kg	<0.000225 U	<0.000251 U	<0.000252 U	<0.000254 U	<0.000274 U	<0.000258 U	<0.000262 U	<0.000267 U	<0.000225 U	<0.000225 U	<0.000279 U	<0.000244 U	<0.000231 U	<0.000322 U	<0.000675 U	<0.000262 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NS	NS	NS	mg/kg	<0.000162 U	<0.000181 UJ	<0.000182 U	<0.000183 U	<0.000197 U	<0.000186 U	<0.000189 U	<0.000192 U	<0.000162 U	<0.000162 U	<0.000201 U	<0.000176 U	<0.000166 U	<0.000232 U	<0.000486 U	<0.000189 U
Perfluoro-3-methoxypropanoic acid	377-73-1	NS	NS	NS	mg/kg	<0.0000722 U	<0.0000806 U	<0.0000811 U	<0.0000815 U	<0.0000879 U	<0.0000827 UJ	<0.0000842 U	<0.0000857 U	<0.0000723 U	<0.0000724 U	<0.0000898 U	<0.0000785 U	<0.0000742 U	<0.000103 U	<0.000217 UJ	<0.0000842 U
Perfluoro-4-methoxybutanoic acid	863090-89-5	NS	NS	NS	mg/kg	<0.000112 U	<0.000125 U	<0.000126 U	<0.000126 U	<0.000136 U	<0.000128 U	<0.00013 U	<0.000133 U	<0.000112 U	<0.000112 U	<0.000139 U	<0.000122 U	<0.000115 U	<0.00016 U	<0.000336 U	<0.00013 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	<0.000129 U	<0.000144 UJ	<0.000145 U	<0.000146 U	<0.000157 U	<0.000148 U	<0.000151 U	<0.000153 U	<0.00013 U	<0.00013 U	<0.000161 U	<0.000141 U	<0.000133 U	<0.000185 U	<0.000388 U	<0.000151 U
Perfluorobutanoic acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	<0.000127 U	<0.000142 U	<0.000143 U	<0.000143 UJ	<0.000155 UJ	<0.000145 U	<0.000148 U	<0.000151 U	<0.000127 U	<0.000127 U	<0.000158 UJ	<0.000138 UJ	<0.000131 U	<0.000182 U	<0.000381 U	<0.000148 U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	<0.000223 U	<0.000248 UJ	<0.00025 UJ	<0.000251 U	<0.000271 U	<0.000255 U	<0.000259 U	<0.000264 U	<0.000223 U	<0.000223 U	<0.000277 UJ	<0.000242 UJ	<0.000229 U	<0.000318 U	<0.000668 U	<0.000259 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	<0.000223 U	<0.000248 U	<0.00025 U	<0.000251 U	<0.000271 U	<0.000255 U	<0.000259 U	<0.000264 U	<0.000223 U	<0.000223 U	<0.000277 U	<0.000242 U	<0.000229 U	<0.000318 U	<0.000668 U	<0.000259 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	NS	NS	mg/kg	<0.000197 UJ	<0.00022 UJ	<0.000221 UJ	<0.000222 UJ	<0.00024 UJ	<0.000226 U	<0.00023 UJ	<0.000233 UJ	<0.000197 U	<0.000197 U	<0.000245 UJ	<0.000214 UJ	<0.000202 UJ	<0.000282 UJ	<0.000591 U	<0.00023 UJ
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	<0.00019 U	<0.000212 U	<0.000213 U	<0.000214 U	<0.000231 U	<0.000218 U	<0.000221 U	<0.000225 U	<0.00019 U	<0.00019 U	<0.000236 U	<0.000206 U	<0.000195 U	<0.000272 U	<0.00057 U	<0.000221 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	<0.000181 U	<0.000201 UJ	<0.000203 U	<0.000204 U	<0.00022 U	<0.000207 U	<0.000211 U	<0.000214 U	<0.000181 U	<0.000181 U	<0.000224 UJ	<0.000196 UJ	<0.000186 U	<0.000258 U	<0.000542 U	<0.000211 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	<0.000122 U	<0.000136 UJ	<0.000137 U	<0.000138 U	<0.000149 U	<0.00014 U	<0.000143 U	<0.000145 U	<0.000123 U	<0.000123 U	<0.000152 U	<0.000133 U	<0.000126 U	<0.000175 U	<0.000367 UJ	<0.000143 U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	<0.000209 U	<0.000233 UJ	<0.000234 U	<0.000235 U	<0.000254 U	<0.000239 U	<0.000243 U	<0.000247 U	<0.000209 U	<0.000209 U	<0.000259 U	<0.000227 U	<0.000214 U	<0.000298 U	<0.000626 U	<0.000243 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	<0.0000617 U	<0.0000689 U	<0.0000693 U	<0.0000697 U	<0.0000751 U	<0.0000707 U	<0.000072 U	<0.0000732 U	<0.0000618 U	<0.0000619 U	<0.0000767 U	<0.0000671 U	<0.0000635 U	<0.0000883 U	<0.000185 U	<0.000072 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	<0.000144 U	<0.000161 UJ	<0.000162 U	<0.000163 U	<0.000176 U	<0.000165 U	<0.000168 U	<0.000171 U	<0.000145 U	<0.000145 U	<0.00018 UJ	<0.000157 UJ	<0.000148 U	<0.000207 U	<0.000434 U	<0.000168 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	<0.00022 U	<0.000246 U	<0.000247 U	<0.000248 U	<0.000268 U	<0.000252 U	<0.000257 U	<0.000261 U	<0.000221 U	<0.000221 U	<0.000274 U	<0.000239 U	<0.000226 U	<0.000315 U	<0.000661 U	<0.000257 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	mg/kg	<0.00017 U	<0.00019 U	<0.000191 U	<0.000192 U	<0.000207 U	<0.000195 U	<0.000198 U	<0.000202 U	<0.00017 U	<0.000171 U	<0.000211 U	<0.000185 U	<0.000175 U	<0.000243 U	<0.000511 U	<0.000198 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.00088**	0.001	0.044	mg/kg	<0.000195 U	<0.000217 UJ	<0.000218 U	<0.000219 U	<0.000237 U	<0.000223 U	<0.000227 U	<0.000231 U	<0.000195 U	<0.000195 U	0.000264 J	0.000336 J	<0.0002 U	<0.000278 U	<0.000584 U	<0.000227 U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.00066	0.0008	0.033	mg/kg	<0.0002 UJ	<0.000224 U	<0.000225 U	<0.000226 U	<0.000244 U	<0.00023 U	<0.000234 U	<0.000238 U	<0.000201 U	<0.000201 U	0.000496	0.000228 J	<0.000206 U	<0.000287 U	<0.000602 U	<0.000234 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	<0.000127 U	<0.000142 U	<0.000143 U	<0.000143 U	<0.000155 U	<0.000145 U	<0.000148 U	<0.000151 U	<0.000127 U	<0.000127 U	<0.000158 U	<0.000138 U	<0.000131 U	<0.000182 U	<0.000381 U	<0.000148 U
Perfluoropentansulfonic Acid (PFPeS)	2706-91-4	NS	NS	NS	mg/kg	<0.000183 U	<0.000204 UJ	<0.000205 U	<0.000206 U	<0.000223 U	<0.00021 U	<0.000213 U	<0.000217 U	<0.000183 U	<0.000183 U	<0.000227 U	<0.000199 U	<0.000188 U	<0.000262 U	<0.000549 U	<0.000213 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	mg/kg	<0.00012 U	<0.000134 U	<0.000135 U	<0.000135 U	<0.000146 U	<0.000137 U	<0.00014 U	<0.000142 U	<0.00012 U	<0.00012 U	<0.000149 U	<0.00013 U	<0.000123 U	<0.000172 U	<0.00036 U	<0.00014 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	<0.000146 U	<0.000162 U	<0.000163 U	<0.000164 U	<0.000177 U	<0.000167 U	<0.00017 U	<0.000173 U	<0.000146 U	<0.000146 U	<0.000181 U	<0.000158 U	<0.00015 U	<0.000208 U	<0.000437 U	<0.00017 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	mg/kg	<0.000231 U	<0.000257 U	<0.000259 U	<0.00026 U	<0.000281 U	<0.000264 U	<0.000269 U	<0.000274 U	<0.000231 U	<0.000231 U	<0.000287 U	<0.000251 U	<0.000237 U	<0.00033 U	<0.000693 U	<0.000269 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE31	PE32	PE33	PE34	PE35	PE35	PE36	PE37	PE38	PE39	PE39	PE40	PE41	PE42	PE43	PE44	PE45
					Sample Name	PE31_16	PE32_15	PE33_15	PE34_15	PE35_20.5	DUP_09242024	PE36_20	PE37_19.5	PE38_16	PE39_16	DUP-1_08222024	PE40_15	PE41_21.5	PE42_21.5	PE43_21	PE44_20.0	PE45_19.5
					Sample Date	08/20/2024	09/05/2024	09/05/2024	09/05/2024	09/24/2024	09/24/2024	09/24/2024	10/07/2024	08/22/2024	08/22/2024	08/22/2024	09/05/2024	09/11/2024	09/11/2024	09/24/2024	10/08/2024	10/08/2024
					Sample Depth	16-16.5	15-15.5	15-15.5	15-15.5	20.5-21	20.5-21	20-20.5	19.5-20	16-16.5	16-16.5	16-16.5	15-15.5	21.5-22	21.5-22	21-21.5	20-20.5	19.5-20
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																						
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,1-Dichloroethane	75-34-3	0.27	0.27	26	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,1-Dichloroethene	75-35-4	0.33	0.33	100	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	NA	NA	NA	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	52	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,2-Dichloroethane	107-06-2	0.02	0.02	3.1	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 UJ	<0.0025 UJ	<0.0024 UJ	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 UJ	<0.0027 U	<0.0026 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	8.4	52	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	NA	NA	NA	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	NA	NA	NA	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	NA	NA	NA	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	NA	NA	NA	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Acetone	67-64-1	**0.05**	0.05	100	mg/kg	**0.12**	<0.0052 U	**0.07**	**0.072**	0.015	0.019	<0.0047 U	0.034	**0.11**	0.013	0.011	<0.0066 U	0.031	0.037	<0.007 U	0.012	0.026
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.0052 U	<0.0052 U	<0.005 U	<0.0061 U	<0.0051 UJ	<0.0051 UJ	<0.0047 UJ	<0.0052 UJ	<0.0094 UJ	<0.0031 UJ	<0.0033 UJ	<0.0066 U	<0.0057 U	<0.0052 U	<0.007 UJ	<0.0054 UJ	<0.0053 UJ
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Benzene	71-43-2	0.06	0.06	4.8	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	NA	NA	NA	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	0.0026 J	0.0018 J	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Carbon Tetrachloride	56-23-5	0.76	0.76	2.4	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Chlorobenzene	108-90-7	1.1	1.1	100	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Chloroform	67-66-3	0.37	0.37	49	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Cis-1,2-Dichloroethene	156-59-2	0.25	0.25	100	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Ethylbenzene	100-41-4	1	1	41	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0052 U	<0.0052 U	<0.005 U	<0.0061 U	<0.0051 U	<0.0051 U	<0.0047 U	<0.0052 U	<0.0094 U	<0.0031 U	<0.0033 U	<0.0066 U	<0.0057 U	<0.0052 U	<0.007 U	<0.0054 U	<0.0053 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	0.12	100	mg/kg	0.023	<0.0026 U	0.017	0.024	<0.0025 U	<0.0025 U	<0.0024 U	0.0046 J	0.024	0.0015 J	0.0018 J	<0.0033 U	0.0047 J	0.0066	<0.0035 U	<0.0027 U	0.0031 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Methylene Chloride	75-09-2	0.05	0.05	100	mg/kg	<0.0052 U	<0.0052 U	<0.005 U	<0.0061 U	0.0083 J	<0.0051 U	<0.0047 U	0.0087 J	<0.0094 U	<0.0031 U	<0.0033 U	<0.0066 U	<0.0057 U	<0.0052 U	<0.007 U	<0.0054 U	0.0056 J
n-Butylbenzene	104-51-8	12	12	100	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
n-Propylbenzene	103-65-1	3.9	3.9	100	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Sec-Butylbenzene	135-98-8	11	11	100	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
T-Butylbenzene	98-06-6	5.9	5.9	100	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 UJ	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 UJ	<0.0015 UJ	<0.0016 UJ	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Tert-Butyl Methyl Ether	1634-04-4	0.93	0.93	100	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	19	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Toluene	108-88-3	0.7	0.7	100	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Total Xylenes	1330-20-7	0.26	1.6	100	mg/kg	<0.0077 U	<0.0078 U	<0.0075 U	<0.0092 U	<0.0076 U	<0.0076 U	<0.0071 U	<0.0078 U	<0.014 U	<0.0046 U	<0.0049 U	<0.0099 U	<0.0086 U	<0.0079 U	<0.011 U	<0.0081 U	<0.0079 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0026 U	NA	NA	NA	NA	NA	NA	NA	<0.0047 U	<0.0015 U	<0.0016 U	NA	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	0.47	0.47	21	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U
Vinyl Chloride	75-01-4	0.02	0.02	0.9	mg/kg	<0.0026 U	<0.0026 U	<0.0025 U	<0.0031 U	<0.0025 U	<0.0025 U	<0.0024 U	<0.0026 U	<0.0047 U	<0.0015 U	<0.0016 U	<0.0033 U	<0.0029 U	<0.0026 U	<0.0035 U	<0.0027 U	<0.0026 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE31	PE32	PE33	PE34	PE35	PE35	PE36	PE37	PE38	PE39	PE39	PE40	PE41	PE42	PE43	PE44	PE45
					Sample Name	PE31_16	PE32_15	PE33_15	PE34_15	PE35_20.5	DUP_09242024	PE36_20	PE37_19.5	PE38_16	PE39_16	DUP-1_08222024	PE40_15	PE41_21.5	PE42_21.5	PE43_21	PE44_20.0	PE45_19.5
					Sample Date	08/20/2024	09/05/2024	09/05/2024	09/05/2024	09/24/2024	09/24/2024	09/24/2024	10/07/2024	08/22/2024	08/22/2024	08/22/2024	09/05/2024	09/11/2024	09/11/2024	09/24/2024	10/08/2024	10/08/2024
					Sample Depth	16-16.5	15-15.5	15-15.5	15-15.5	20.5-21	20.5-21	20-20.5	19.5-20	16-16.5	16-16.5	16-16.5	15-15.5	21.5-22	21.5-22	21-21.5	20-20.5	19.5-20
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																						
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.12 U	<0.0948 U	<0.0946 U	<0.0905 U	<0.0919 U	<0.0918 U	<0.0949 U	<0.0894 U	<0.18 U	<0.108 U	<0.113 U	<0.11 U	<0.0961 U	<0.0892 U	<0.0894 U	<0.0917 U	<0.0915 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	<0.0189 U	<0.0189 U	<0.0189 U	<0.0189 U	<0.019 U	<0.019 U	<0.019 U	<0.0196 U	<0.0194 U	<0.0194 U	<0.0194 U	<0.0189 U	<0.0196 U	<0.0194 U	<0.019 U	<0.0198 U	<0.0198 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.12 U	<0.0948 U	<0.0946 U	<0.0905 U	<0.0919 U	<0.0918 U	<0.0949 U	<0.0894 U	<0.18 U	<0.108 U	<0.113 U	<0.11 U	<0.0961 U	<0.0892 U	<0.0894 U	<0.0917 U	<0.0915 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.12 U	<0.0948 UJ	<0.0946 UJ	<0.0905 UJ	<0.0919 U	<0.0918 U	<0.0949 U	<0.0894 U	<0.18 U	<0.108 U	<0.113 U	<0.11 UJ	<0.0961 U	<0.0892 U	<0.0894 U	<0.0917 U	<0.0915 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	0.324 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.063 JD	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.12 U	<0.0948 U	<0.0946 U	<0.0905 U	<0.0919 U	<0.0918 U	<0.0949 U	<0.0894 U	<0.18 U	<0.108 U	<0.113 U	<0.11 U	<0.0961 U	<0.0892 U	<0.0894 U	<0.0917 U	<0.0915 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.12 U	<0.0948 U	<0.0946 U	<0.0905 U	<0.0919 U	<0.0918 U	<0.0949 U	<0.0894 U	<0.18 U	<0.108 U	<0.113 U	<0.11 U	<0.0961 U	<0.0892 U	<0.0894 U	<0.0917 U	<0.0915 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.12 U	<0.0948 UJ	<0.0946 UJ	<0.0905 UJ	<0.0919 U	<0.0918 U	<0.0949 U	<0.0894 U	<0.18 U	<0.108 U	<0.113 U	<0.11 UJ	<0.0961 U	<0.0892 U	<0.0894 U	<0.0917 U	<0.0915 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.12 U	<0.0948 U	<0.0946 U	<0.0905 U	<0.0919 U	<0.0918 U	<0.0949 U	<0.0894 U	<0.18 U	<0.108 U	<0.113 U	<0.11 U	<0.0961 U	<0.0892 U	<0.0894 U	<0.0917 U	<0.0915 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.12 U	<0.0948 U	<0.0946 U	<0.0905 U	<0.0919 U	<0.0918 U	<0.0949 U	<0.0894 U	<0.18 U	<0.108 U	<0.113 U	<0.11 U	<0.0961 U	<0.0892 U	<0.0894 U	<0.0917 U	<0.0915 U
Acenaphthene	83-32-9	20	98	100	mg/kg	<0.0601 U	<0.0475 U	0.255 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Acenaphthylene	208-96-8	100	107	100	mg/kg	<0.0601 U	<0.0475 U	0.151 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	<0.24 U	<0.19 U	<0.189 U	<0.181 U	<0.184 U	<0.184 U	<0.19 U	<0.179 U	<0.36 U	<0.215 U	<0.226 U	<0.221 U	<0.192 U	<0.179 U	<0.179 U	<0.184 U	<0.183 U
Anthracene	120-12-7	100	1000	100	mg/kg	<0.0601 U	<0.0475 U	0.632 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.0607 JD	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.24 U	<0.19 U	<0.189 U	<0.181 U	<0.184 U	<0.184 U	<0.19 U	<0.179 U	<0.36 U	<0.215 U	<0.226 U	<0.221 U	<0.192 U	<0.179 U	<0.179 U	<0.184 U	<0.183 U
Benzo(a)anthracene	56-55-3	1	1	1	mg/kg	<0.0601 U	<0.0475 U	0.767 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.0868 JD	<0.0447 U	0.0893 JD	<0.0459 U	<0.0459 U
Benzo(a)pyrene	50-32-8	1	22	1	mg/kg	<0.0601 U	<0.0475 U	0.8 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.0876 JD	<0.0447 U	0.0829 JD	<0.0459 U	<0.0459 U
Benzo(b)fluoranthene	205-99-2	1	1.7	1	mg/kg	0.0632 J	<0.0475 U	0.483 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.053 JD	<0.0447 U	0.0629 JD	<0.0459 U	<0.0459 U
Benzo(g,h,i)Perylene	191-24-2	100	1000	100	mg/kg	<0.0601 U	<0.0475 U	0.476 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.053 JD	<0.0447 U	0.0622 JD	<0.0459 U	<0.0459 U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	3.9	mg/kg	<0.0601 U	<0.0475 U	0.484 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.0515 JD	<0.0447 U	0.0693 JD	<0.0459 U	<0.0459 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 UJ	<0.0474 UJ	<0.0454 UJ	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 UJ	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 UJ	<0.0459 UJ
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	0.0623 JD	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.12 U	<0.0948 U	<0.0946 U	<0.0905 U	<0.0919 U	<0.0918 U	<0.0949 U	<0.0894 U	<0.18 U	<0.108 U	<0.113 U	<0.11 U	<0.0961 U	<0.0892 U	<0.0894 U	<0.0917 U	<0.0915 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Chrysene	218-01-9	1	1	3.9	mg/kg	<0.0601 U	<0.0475 U	0.882 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.101 D	<0.0447 U	0.0986 D	<0.0459 U	<0.0459 U
Dibenz(a,h)anthracene	53-70-3	0.33	1000	0.33	mg/kg	<0.0601 U	<0.0475 U	0.203 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Dibenzofuran	132-64-9	7	210	59	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	<0.12 U	NA	NA	NA	NA	NA	NA	NA	<0.18 U	<0.108 U	<0.113 U	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	100	1000	100	mg/kg	0.0891 J	<0.0475 U	1.55 D	0.0702 JD	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.191 D	<0.0447 U	0.163 D	<0.0459 U	<0.0459 U
Fluorene	86-73-7	30	386	100	mg/kg	<0.0601 U	<0.0475 U	0.489 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.0607 JD	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Hexachlorobenzene	118-74-1	0.33	3.2	1.2	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 UJ	<0.0474 UJ	<0.0454 UJ	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 UJ	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.5	mg/kg	<0.0601 U	<0.0475 U	0.437 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.053 JD	<0.0447 U	0.055 JD	<0.0459 U	<0.0459 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Naphthalene	91-20-3	12	12	100	mg/kg	0.0718 J	<0.0475 U	0.0976 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Pentachlorophenol	87-86-5	0.8	0.8	6.7	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Phenanthrene	85-01-8	100	1000	100	mg/kg	<0.0601 U	<0.0475 U	2.3 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.267 D	0.0528 JD	0.128 D	<0.0459 U	<0.0459 U
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.0601 U	<0.0475 U	<0.0474 U	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	<0.0482 U	<0.0447 U	<0.0448 U	<0.0459 U	<0.0459 U
Pyrene	129-00-0	100	1000	100	mg/kg	0.091 J	<0.0475 U	2.14 D	<0.0454 U	<0.0461 U	<0.046 U	<0.0476 U	<0.0448 U	<0.0901 U	<0.0539 U	<0.0566 U	<0.0552 U	0.252 D	<0.0447 U	0.216 D	<0.0459 U	<0.0459 U
Pyridine	110-86-1	NS	NS	NS	mg/kg	NA	<0.19 U	<0.189 U	<0.181 U	<0.184 U	<0.184 U	<0.19 U	<0.179 U	NA	NA	NA	<0.221 U	<0.192 U	<0.179 U	<0.179 U	<0.184 U	<0.183 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE31	PE32	PE33	PE34	PE35	PE35	PE36	PE37	PE38	PE39	PE39	PE40	PE41	PE42	PE43	PE44	PE45
					Sample Name	PE31_16	PE32_15	PE33_15	PE34_15	PE35_20.5	DUP_09242024	PE36_20	PE37_19.5	PE38_16	PE39_16	DUP-1_08222024	PE40_15	PE41_21.5	PE42_21.5	PE43_21	PE44_20.0	PE45_19.5
					Sample Date	08/20/2024	09/05/2024	09/05/2024	09/05/2024	09/24/2024	09/24/2024	09/24/2024	10/07/2024	08/22/2024	08/22/2024	08/22/2024	09/05/2024	09/11/2024	09/11/2024	09/24/2024	10/08/2024	10/08/2024
					Sample Depth	16-16.5	15-15.5	15-15.5	15-15.5	20.5-21	20.5-21	20-20.5	19.5-20	16-16.5	16-16.5	16-16.5	15-15.5	21.5-22	21.5-22	21-21.5	20-20.5	19.5-20
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																						
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
4,4'-DDE	72-55-9	**0.0033**	17	8.9	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
4,4'-DDT	50-29-3	**0.0033**	136	7.9	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Aldrin	309-00-2	0.005	0.19	0.097	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.48	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Alpha Chlordane	5103-71-9	0.094	2.9	4.2	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Alpha Endosulfan	959-98-8	2.4	102	24	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.09	0.36	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Beta Endosulfan	33213-65-9	2.4	102	24	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0479 U	NA	NA	NA	NA	NA	NA	NA	<0.0709 U	<0.0426 U	<0.045 U	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.25	100	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Dieldrin	60-57-1	0.005	0.1	0.2	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Endosulfan Sulfate	1031-07-8	2.4	1000	24	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Endrin	72-20-8	0.014	0.06	11	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Gamma Bhc (Lindane)	58-89-9	0.1	0.1	1.3	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Heptachlor	76-44-8	0.042	0.38	2.1	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00239 U	<0.00188 U	<0.00186 U	<0.00181 U	<0.00183 U	<0.00185 U	<0.0019 U	<0.00177 U	<0.00355 U	<0.00213 U	<0.00225 U	<0.00217 U	<0.00191 U	<0.00173 U	<0.00177 U	<0.00181 U	<0.0018 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.239 U	<0.188 U	<0.186 U	<0.181 U	<0.183 U	<0.185 U	<0.19 U	<0.177 U	<0.355 U	<0.213 U	<0.225 U	<0.217 U	<0.191 U	<0.173 U	<0.177 U	<0.181 U	<0.18 U
Herbicides																						
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.029 U	<0.0226 U	<0.0225 U	<0.0218 U	<0.0221 U	<0.0225 U	<0.023 U	<0.0214 U	<0.0434 U	<0.0261 U	<0.0273 U	<0.0267 U	<0.023 U	<0.0214 U	<0.0214 U	<0.022 U	<0.0219 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.029 U	<0.0226 U	<0.0225 U	<0.0218 U	<0.0221 U	<0.0225 U	<0.023 U	<0.0214 U	<0.0434 U	<0.0261 U	<0.0273 U	<0.0267 U	<0.023 U	<0.0214 U	<0.0214 U	<0.022 U	<0.0219 U
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.029 U	<0.0226 U	<0.0225 U	<0.0218 U	<0.0221 U	<0.0225 U	<0.023 U	<0.0214 U	<0.0434 U	<0.0261 U	<0.0273 U	<0.0267 U	<0.023 U	<0.0214 U	<0.0214 U	<0.022 U	<0.0219 U
Polychlorinated Biphenyl																						
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0239 U	<0.0189 U	<0.0188 U	<0.0183 U	<0.0185 U	<0.0186 U	<0.0192 U	<0.0179 U	<0.0358 U	<0.0215 U	<0.0227 U	<0.0219 U	<0.0193 U	<0.0175 U	<0.0179 U	<0.0183 U	<0.0182 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0239 U	<0.0189 U	<0.0188 U	<0.0183 U	<0.0185 U	<0.0186 U	<0.0192 U	<0.0179 U	<0.0358 U	<0.0215 U	<0.0227 U	<0.0219 U	<0.0193 U	<0.0175 U	<0.0179 U	<0.0183 U	<0.0182 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0239 U	<0.0189 U	<0.0188 U	<0.0183 U	<0.0185 U	<0.0186 U	<0.0192 U	<0.0179 U	<0.0358 U	<0.0215 U	<0.0227 U	<0.0219 U	<0.0193 U	<0.0175 U	<0.0179 U	<0.0183 U	<0.0182 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0239 U	<0.0189 U	<0.0188 U	<0.0183 U	<0.0185 U	<0.0186 U	<0.0192 U	<0.0179 U	<0.0358 U	<0.0215 U	<0.0227 U	<0.0219 U	<0.0193 U	<0.0175 U	<0.0179 U	<0.0183 U	<0.0182 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0239 U	<0.0189 U	<0.0188 U	<0.0183 U	<0.0185 U	<0.0186 U	<0.0192 U	<0.0179 U	<0.0358 U	<0.0215 U	<0.0227 U	<0.0219 U	<0.0193 U	<0.0175 U	<0.0179 U	<0.0183 U	<0.0182 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0239 U	<0.0189 U	<0.0188 U	<0.0183 U	<0.0185 U	<0.0186 U	<0.0192 U	<0.0179 U	<0.0358 U	<0.0215 U	<0.0227 U	<0.0219 U	<0.0193 U	<0.0175 U	<0.0179 U	<0.0183 U	<0.0182 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0239 U	<0.0189 U	<0.0188 U	<0.0183 U	<0.0185 U	<0.0186 U	<0.0192 U	<0.0179 U	<0.0358 U	<0.0215 U	<0.0227 U	<0.0219 U	<0.0193 U	<0.0175 U	<0.0179 U	<0.0183 U	<0.0182 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0239 U	<0.0189 U	<0.0188 U	<0.0183 U	<0.0185 U	<0.0186 U	<0.0192 U	<0.0179 U	<0.0358 U	<0.0215 U	<0.0227 U	<0.0219 U	<0.0193 U	<0.0175 U	<0.0179 U	<0.0183 U	<0.0182 U
Metals																						
Aluminum	7429-90-5	NS	NS	NS	mg/kg	8,010	4,480	6,850	7,100	8,160	8,840	6,320	5,970	20,900	13,300	14,200	6,520	6,670	4,640	5,160	5,540	6,460
Antimony	7440-36-0	NS	NS	NS	mg/kg	<3.04 U	<2.38 U	<2.37 U	<2.29 U	<2.33 UJ	<2.35 U	<2.43 U	<2.25 U	<4.55 U	<2.73 U	<2.86 U	<2.81 U	<2.42 U	<2.25 U	<2.25 U	<2.3 U	<2.29 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	9.06	<1.43 U	5.32	6.83	1.77	1.49	<1.46 U	<1.35 U	10.9	1.98	1.88	9.33	2.45	1.56	2.71	2.14	2.85
Barium	7440-39-3	**350**	820	400	mg/kg	326	9.36	283	37.8	11.7	9.21	7.08	30	324	16	18.6	140	41.3	13.8	90	35.7	59.6
Beryllium	7440-41-7	7.2	47	72	mg/kg	0.414 J	<0.048 U	<0.048 U	<0.046 U	<0.047 U	0.085	0.087	<0.045 U	0.674	0.23	0.286	0.112 J	0.252	0.189	0.081	<0.046 U	<0.046 U
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	0.73	<0.285 U	0.342	<0.275 U	<0.28 U	<0.283 U	<0.291 U	<0.27 U	0.637	<0.328 U	<0.343 U	0.573	<0.291 U	<0.27 U	0.361	<0.276 U	<0.275 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	30,800	969	36,400	6,100	718 B	537	565	868	6,770	759	1,050	2,180	1,470	1,350	2,650	2,330	1,220
Chromium, Hexavalent	18540-29-9	1	19	110	mg/kg	<0.73 U	<0.57 U	<0.569 U	<0.55 U	<0.56 UJ	<0.565 U	<0.582 U	<0.54 U	<1.09 U	<0.656 U	<0.686 U	<0.674 U	<0.582 U	<0.54 UJ	<0.541 U	<0.551 U	<0.55 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	24.7	10.2	16.4	13.4	14.6	17.2	12.5	13.2	37	14.7	15.8	13.6	13.6	9.54	12.5	12	16.6
Chromium, Trivalent	16065-83-1	**30**	NS	180	mg/kg	24.7	10.2	16.4	13.4	14.6	17.2	12.5	12.2	**37**	14.7	15.8	13.6	13.6	9.54	12.5	12	16.6
Cobalt	7440-48-4	NS	NS	NS	mg/kg	4.66	4.06	4.81	4.33	4.47	3.54	4.3	2.93	10.3	2.37	2.28	4.78	4.96	3.17	4.67	3.64	4.79
Copper	7440-50-8	**50**	1720	270	mg/kg	**77.3**	9.72 J	**52.1 J**	33.3 J	9.59	7.51	9.56	9.34	50	4.63	5.22	**55.6 J**	15.4	8.96	36.1	24.4	18.6
Cyanide	57-12-5	27	40	27	mg/kg	<0.73 U	<0.57 U	<0.569 U	<0.55 U	<0.56 U	<0.565 U	<0.582 U	<0.54 U	<1.09 U	<0.656 U	<0.686 U	<0.674 U	<0.582 U	<0.54 U	<0.541 U	<0.551 U	<0.55 U
Iron	7439-89-6	NS	NS	NS	mg/kg	15,000	7,640	15,900	17,400	9,160	9,470	7,540	8,500	31,100	5,660	5,190	19,000	12,600	8,900	11,400	9,430	11,200
Lead	7439-92-1	**63**	450	400	mg/kg	**533**	3.67	**160**	52.8	6.85	4.57	5.29	6.05	**145**	12.1 J	**696 J**	**311**	33.9	11.2	**124**	27.2	33.4
Magnesium	7439-95-4	NS	NS	NS	mg/kg	3,110	2,720	5,020	1,830	1,970	1,480	1,700	1,800	2,920	1,640	1,730	1,360	2,340	1,960	1,670	1,840	2,010
Manganese	7439-96-5	1600	2000	2000	mg/kg	146	59.4	173	141	53.3	52.9 J	43.8 J	51.7	189	39.7	40.8	207	137	84.4	98.2 J	89	63.4
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	**0.431**	<0.0342 U	**0.337**	**0.392**	**0.234 J**	<0.0339 UJ	<0.0349 U	<0.0324 U	**0.563**	<0.0394 U	<0.0412 U	**0.534**	0.0634	<0.0324 U	0.101	<0.0331 U	<0.033 U
Nickel	7440-02-0	**30**	130	310	mg/kg	14.3	21.7	15	16.5	16.9	15	17.4	15.3	29.7	11	11.3	15.4	15.6	10.5	16.8	16.2	15.6
Potassium	7440-09-7	NS	NS	NS	mg/kg	673 B	404 B	440 B	348 B	314 B	301 B	260 J	555	1,160	800	911	409 B	445 B	323 B	389 B	521	661
Selenium	7782-49-2	**3.9**	4	180	mg/kg	<3.04 U	<2.38 U	<2.37 U	<2.29 U	<2.33 U	<2.35 U	<2.43 U	<2.25 U	<4.55 U	<2.73 U	<2.86 U	<2.81 U	<2.42 U	<2.25 U	<2.25 U	<2.3 U	<2.29 U
Silver	7440-22-4	2	8.3	180	mg/kg	<0.613 U	<0.479 U	<0.478 U	<0.462 U	<0.471 U	<0.475 U	<0.489 U	<0.453 U	<0.918 U	<0.551 U	<0.577 U	<0.566 U	<0.489 U	<0.454 U	<0.455 U	<0.463 U	<0.462 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	501	70.7	166	56.8	<49.3 U	<54.2 U	<68 U	76.2	506 J	179 J	342 J	154	168	74.5	99.1 J	99.8	81.2
Thallium	7440-28-0	NS	NS	NS	mg/kg	<3.04 U	<2.38 U	<2.37 U	<2.29 U	<2.33 U	<2.35 U	<2.43 U	<2.25 U	<4.55 U	<2.73 U	<2.86 U	<2.81 U	<2.42 U	<2.25 U	<2.25 U	<2.3 U	<2.29 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	19.4	15.1	26.7	17.5	18.7	21.3	12.7	16.4	44.9	15.6	16.2	26.2	17.1	12.7	16	16.7	20.6
Zinc	7440-66-6	**109**	2480	10000	mg/kg	**343**	17.1	**127**	48.3	32.2 J	16.9 J	21.4	17.3	**578**	30.4	25.5	**257**	51.8	26.5	**166**	45.4	85.5

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE31	PE32	PE33	PE34	PE35	PE35	PE36	PE37	PE38	PE39	PE39	PE40	PE41	PE42	PE43	PE44	PE45
					Sample Name	PE31_16	PE32_15	PE33_15	PE34_15	PE35_20.5	DUP_09242024	PE36_20	PE37_19.5	PE38_16	PE39_16	DUP-1_08222024	PE40_15	PE41_21.5	PE42_21.5	PE43_21	PE44_20.0	PE45_19.5
					Sample Date	08/20/2024	09/05/2024	09/05/2024	09/05/2024	09/24/2024	09/24/2024	09/24/2024	10/07/2024	08/22/2024	08/22/2024	08/22/2024	09/05/2024	09/11/2024	09/11/2024	09/24/2024	10/08/2024	10/08/2024
					Sample Depth	16-16.5	15-15.5	15-15.5	15-15.5	20.5-21	20.5-21	20-20.5	19.5-20	16-16.5	16-16.5	16-16.5	15-15.5	21.5-22	21.5-22	21-21.5	20-20.5	19.5-20
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
General Chemistry																						
Solids, Percent	SOLID	NS	NS	NS	Percent	68.5	87.7	87.8	90.9	89.2	88.5	85.9	92.6	45.8	76.2	72.9	74.2	85.9	92.6	92.4	90.7	90.8
Per- and Polyfluoroalkyl Substances																						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NS	NS	NS	mg/kg	<0.000446 UJ	<0.000354 U	<0.000349 U	<0.000337 U	<0.000346 U	<0.000351 U	<0.000361 U	<0.000331 U	<0.000671 U	<0.000406 U	<0.000426 U	<0.000413 U	<0.000359 U	<0.000332 U	<0.000333 U	<0.000343 U	<0.000342 U
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	NS	NS	NS	mg/kg	<0.00108 UJ	<0.000859 U	<0.000848 U	<0.000817 U	<0.00084 U	<0.000852 UJ	<0.000877 U	<0.000804 U	<0.00163 UJ	<0.000986 UJ	<0.00103 UJ	<0.001 UJ	<0.000872 U	<0.000806 U	<0.000809 U	<0.000833 U	<0.000831 U
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2FTS)	757124-72-4	NS	NS	NS	mg/kg	<0.000854 UJ	<0.000677 UJ	<0.000668 UJ	<0.000644 UJ	<0.000662 U	<0.000671 U	<0.000691 U	<0.000633 U	<0.00128 UJ	<0.000777 UJ	<0.000815 UJ	<0.000791 UJ	<0.000687 UJ	<0.000635 UJ	<0.000638 U	<0.000656 U	<0.000655 U
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2FTS)	27619-97-2	NS	NS	NS	mg/kg	<0.000854 UJ	<0.000677 UJ	<0.000668 UJ	<0.000644 UJ	<0.000662 U	<0.000671 U	<0.000691 U	<0.000633 U	<0.00128 U	<0.000777 UJ	<0.000815 UJ	<0.000791 UJ	<0.000687 UJ	<0.000635 UJ	<0.000638 U	<0.000656 U	<0.000655 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3	NS	NS	NS	mg/kg	<0.00301 U	<0.00239 U	<0.00236 U	<0.00227 U	<0.00233 U	<0.00237 U	<0.00244 U	<0.00223 U	<0.00453 U	<0.00274 U	<0.00287 U	<0.00279 U	<0.00242 U	<0.00224 U	<0.00225 U	<0.00231 U	<0.00231 U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4	NS	NS	NS	mg/kg	<0.00215 U	<0.00171 U	<0.00168 U	<0.00162 U	<0.00167 U	<0.00169 U	<0.00174 U	<0.0016 U	<0.00324 U	<0.00196 U	<0.00205 U	<0.00199 U	<0.00173 U	<0.0016 U	<0.00161 U	<0.00165 U	<0.00165 U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5	NS	NS	NS	mg/kg	<0.00091 U	<0.000722 U	<0.000712 U	<0.000686 U	<0.000705 U	<0.000715 U	<0.000737 U	<0.000675 U	<0.00137 UJ	<0.000828 UJ	<0.000869 UJ	<0.000842 U	<0.000732 UJ	<0.000677 UJ	<0.000679 U	<0.000699 U	<0.000698 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	<0.00025 U	<0.000198 U	<0.000195 U	<0.000188 U	<0.000193 U	<0.000196 U	<0.000202 U	<0.000185 U	<0.000376 U	<0.000227 U	<0.000238 U	<0.000231 U	<0.000201 U	<0.000186 U	<0.000186 U	<0.000192 U	<0.000192 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NS	NS	NS	mg/kg	<0.000353 U	<0.00028 U	<0.000276 U	<0.000266 U	<0.000274 U	<0.000277 U	<0.000286 U	<0.000262 U	<0.000531 U	<0.000321 U	<0.000337 U	<0.000327 U	<0.000284 U	<0.000263 U	<0.000264 U	<0.000271 U	<0.000271 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	NS	NS	mg/kg	<0.000872 U	<0.000692 U	<0.000683 U	<0.000658 U	<0.000676 U	<0.000686 U	<0.000707 U	<0.000647 U	<0.00131 U	<0.000794 U	<0.000833 U	<0.000808 U	<0.000702 U	<0.000649 U	<0.000652 U	<0.00067 UJ	<0.000669 UJ
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	NS	NS	mg/kg	<0.000284 U	<0.000225 U	<0.000222 U	<0.000214 U	<0.00022 U	<0.000223 U	<0.00023 U	<0.000211 U	<0.000427 U	<0.000259 U	<0.000271 U	<0.000263 U	<0.000229 U	<0.000211 U	<0.000212 U	<0.000218 U	<0.000218 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	<0.000278 UJ	<0.000221 U	<0.000218 U	<0.00021 U	<0.000216 U	<0.000219 U	<0.000225 U	<0.000207 U	<0.000419 U	<0.000253 U	<0.000266 U	<0.000258 UJ	<0.000224 U	<0.000207 U	<0.000208 U	<0.000214 U	<0.000214 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	NS	NS	mg/kg	<0.001 U	<0.000793 U	<0.000783 U	<0.000754 U	<0.000775 U	<0.000786 U	<0.00081 U	<0.000742 U	<0.0015 U	<0.000911 U	<0.000955 U	<0.000926 U	<0.000805 U	<0.000744 U	<0.000747 U	<0.000769 U	<0.000767 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	NS	NS	mg/kg	<0.000258 U	<0.000205 U	<0.000202 U	<0.000195 U	<0.0002 U	<0.000203 U	<0.000209 U	<0.000192 U	<0.000389 U	<0.000235 U	<0.000247 U	<0.000239 U	<0.000208 U	<0.000192 U	<0.000193 U	<0.000198 U	<0.000198 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	<0.000212 U	<0.000168 U	<0.000166 U	<0.00016 U	<0.000165 U	<0.000167 U	<0.000172 U	<0.000158 U	<0.00032 U	<0.000193 U	<0.000203 U	<0.000197 UJ	<0.000171 U	<0.000158 U	<0.000159 U	<0.000163 U	<0.000163 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	NS	NS	mg/kg	<0.000877 U	<0.000695 U	<0.000686 U	<0.000661 U	<0.000679 U	<0.000689 U	<0.00071 U	<0.00065 U	<0.00132 U	<0.000798 U	<0.000837 U	<0.000812 U	<0.000706 U	<0.000652 U	<0.000655 U	<0.000674 U	<0.000673 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NS	NS	NS	mg/kg	<0.000277 U	<0.00022 U	<0.000217 U	<0.000209 U	<0.000215 U	<0.000218 U	<0.000224 U	<0.000205 U	<0.000417 U	<0.000252 U	<0.000264 U	<0.000256 U	<0.000223 U	<0.000206 U	<0.000207 U	<0.000213 U	<0.000212 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NS	NS	NS	mg/kg	<0.000199 U	<0.000158 U	<0.000156 U	<0.00015 U	<0.000155 U	<0.000157 U	<0.000162 U	<0.000148 U	<0.0003 U	<0.000182 U	<0.00019 U	<0.000185 U	<0.00016 U	<0.000148 U	<0.000149 U	<0.000153 UJ	<0.000153 U
Perfluoro-3-methoxypropanoic acid	377-73-1	NS	NS	NS	mg/kg	<0.000089 U	<0.0000706 U	<0.0000696 U	<0.0000671 U	<0.0000689 UJ	<0.0000699 UJ	<0.000072 UJ	<0.000066 UJ	<0.000134 UJ	<0.000081 UJ	<0.0000849 UJ	<0.0000824 U	<0.0000716 UJ	<0.0000662 UJ	<0.0000664 UJ	<0.0000684 UJ	<0.0000683 UJ
Perfluoro-4-methoxybutanoic acid	863090-89-5	NS	NS	NS	mg/kg	<0.000138 U	<0.000109 U	<0.000108 U	<0.000104 U	<0.000107 U	<0.000108 U	<0.000112 U	<0.000102 U	<0.000207 U	<0.000125 U	<0.000132 U	<0.000128 U	<0.000111 U	<0.000102 U	<0.000103 U	<0.000106 U	<0.000106 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	<0.000159 U	<0.000126 U	<0.000125 U	<0.00012 U	<0.000123 U	<0.000125 U	<0.000129 U	<0.000118 U	<0.00024 U	<0.000145 U	<0.000152 U	<0.000147 U	<0.000128 U	<0.000119 U	<0.000119 U	<0.000122 U	<0.000122 U
Perfluorobutanoic acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	<0.000156 U	<0.000124 U	<0.000122 U	<0.000118 U	<0.000121 U	<0.000123 UJ	<0.000127 U	<0.000116 U	<0.000235 U	<0.000142 U	<0.000149 U	<0.000145 UJ	<0.000126 UJ	<0.000116 U	<0.000117 U	<0.00012 UJ	<0.00012 UJ
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	<0.000274 U	<0.000217 U	<0.000214 U	<0.000207 U	<0.000212 U	<0.000215 U	<0.000222 U	<0.000203 U	<0.000412 U	<0.00025 U	<0.000262 U	<0.000254 U	<0.000221 U	<0.000204 U	<0.000205 U	<0.000211 U	<0.00021 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	<0.000274 U	<0.000217 U	<0.000214 U	<0.000207 U	<0.000212 U	<0.000215 U	<0.000222 U	<0.000203 U	<0.000412 U	<0.00025 U	<0.000262 U	<0.000254 U	<0.000221 U	<0.000204 U	<0.000205 U	<0.000211 U	<0.00021 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	NS	NS	mg/kg	<0.000242 UJ	<0.000192 UJ	<0.00019 UJ	<0.000183 UJ	<0.000188 UJ	<0.000191 UJ	<0.000196 UJ	<0.00018 U	<0.000365 U	<0.000221 U	<0.000232 U	<0.000225 UJ	<0.000195 U	<0.00018 U	<0.000181 UJ	<0.000186 UJ	<0.000186 UJ
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	<0.000234 U	<0.000186 U	<0.000183 U	<0.000176 U	<0.000181 U	<0.000184 U	<0.000189 U	<0.000174 U	<0.000352 U	<0.000213 U	<0.000223 U	<0.000217 U	<0.000188 U	<0.000174 U	<0.000175 U	<0.00018 U	<0.000179 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	<0.000222 U	<0.000176 U	<0.000174 U	<0.000168 U	<0.000172 U	<0.000175 U	<0.00018 U	<0.000165 U	<0.000335 U	<0.000203 U	<0.000212 U	<0.000206 U	<0.000179 U	<0.000165 U	<0.000166 U	<0.000171 U	<0.000171 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	<0.000151 U	<0.00012 U	<0.000118 U	<0.000114 U	<0.000117 U	<0.000118 U	<0.000122 U	<0.000112 U	<0.000227 U	<0.000137 UJ	<0.000144 U	<0.00014 U	<0.000121 U	<0.000112 U	<0.000113 U	<0.000116 U	<0.000116 U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	<0.000257 U	<0.000204 U	<0.000201 U	<0.000194 U	<0.000199 U	<0.000202 U	<0.000208 U	<0.000191 U	<0.000386 U	<0.000234 U	<0.000245 U	<0.000238 U	<0.000207 U	<0.000191 U	<0.000192 U	<0.000197 UJ	<0.000197 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	<0.000076 U	<0.0000603 U	<0.0000595 U	<0.0000574 U	<0.0000589 U	<0.0000598 U	<0.0000616 U	<0.0000564 U	<0.000114 U	<0.0000692 U	<0.0000726 U	<0.0000704 U	<0.0000612 U	<0.0000566 U	<0.0000568 U	<0.0000584 U	<0.0000583 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	<0.000178 U	<0.000141 U	<0.000139 U	<0.000134 U	<0.000138 U	<0.00014 U	<0.000144 U	<0.000132 U	<0.000268 U	<0.000162 U	<0.00017 U	<0.000165 U	<0.000143 U	<0.000132 U	<0.000133 U	<0.000137 U	<0.000137 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	<0.000271 U	<0.000215 U	<0.000212 U	<0.000205 U	<0.00021 U	<0.000213 U	<0.00022 U	<0.000201 U	<0.000408 U	<0.000247 U	<0.000259 U	<0.000251 U	<0.000218 U	<0.000202 U	<0.000203 U	<0.000208 U	<0.000208 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	mg/kg	<0.000209 U	<0.000166 U	<0.000164 U	<0.000158 U	<0.000162 U	<0.000165 U	<0.00017 U	<0.000155 U	<0.000315 U	<0.000191 U	<0.0002 U	<0.000194 U	<0.000169 U	<0.000156 U	<0.000156 U	<0.000161 U	<0.000161 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.00088**	0.001	0.044	mg/kg	<0.00024 U	<0.00019 U	<0.000187 U	<0.000181 U	<0.000186 U	<0.000188 U	<0.000194 U	<0.000178 U	<0.000361 U	<0.000218 U	<0.000229 U	<0.000222 U	<0.000193 U	<0.000178 U	<0.000179 U	<0.000184 U	<0.000184 U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.00066	0.0008	0.033	mg/kg	<0.000247 U	<0.000196 U	<0.000193 U	0.000278	<0.000191 U	<0.000194 U	<0.0002 U	<0.000183 U	<0.000371 U	<0.000225 U	<0.000236 U	<0.000229 U	<0.000199 U	<0.000184 U	<0.000184 U	<0.00019 U	<0.000189 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	<0.000156 U	<0.000124 U	<0.000122 U	<0.000118 U	<0.000121 U	<0.000123 U	<0.000127 U	<0.000116 U	<0.000235 U	<0.000142 U	<0.000149 U	<0.000145 U	<0.000126 U	<0.000116 U	<0.000117 U	<0.00012 U	<0.00012 U
Perfluoropentansulfonic Acid (PFPeS)	2706-91-4	NS	NS	NS	mg/kg	<0.000225 U	<0.000179 U	<0.000176 U	<0.00017 U	<0.000175 U	<0.000177 U	<0.000182 U	<0.000167 U	<0.000339 U	<0.000205 U	<0.000215 U	<0.000209 U	<0.000181 U	<0.000168 U	<0.000168 U	<0.000173 UJ	<0.000173 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	mg/kg	<0.000148 U	<0.000117 U	<0.000116 U	<0.000111 U	<0.000115 U	<0.000116 U	<0.00012 U	<0.00011 U	<0.000222 U	<0.000135 U	<0.000141 U	<0.000137 U	<0.000119 U	<0.00011 U	<0.00011 U	<0.000114 U	<0.000113 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	<0.000179 U	<0.000142 U	<0.00014 U	<0.000135 U	<0.000139 U	<0.000141 U	<0.000145 U	<0.000133 U	<0.00027 U	<0.000163 U	<0.000171 U	<0.000166 U	<0.000144 U	<0.000133 U	<0.000134 U	<0.000138 U	<0.000138 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	mg/kg	<0.000284 U	<0.000225 U	<0.000222 U	<0.000214 U	<0.00022 U	<0.000223 U	<0.00023 U	<0.000211 U	<0.000427 U	<0.000259 U	<0.000271 U	<0.000263 U	<0.000229 U	<0.000211 U	<0.000212 U	<0.000218 U	<0.000218 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE46	PE47	PE48	PE49	PE50	PE51	PE52	PE53	PE54	PE55	PE56	PE57	PE58	PE59	PE60
					Sample Name	PE46_17.5	PE47_17.5	PE48_16.5	PE49_22	PE50_21.5	PE51_20	PE52_19.5	PE53_19.0	PE54_18	PE55_17	PE56_15.5	PE57_22	PE58_21.5	PE59_20	PE60_19.5
					Sample Date	10/04/2024	10/03/2024	10/11/2024	09/11/2024	09/11/2024	09/17/2024	09/24/2024	10/08/2024	10/04/2024	10/03/2024	10/24/2024	09/11/2024	09/11/2024	09/11/2024	09/24/2024
					Sample Depth	17.5-18	17.5-18	16.5-17	22-22.5	21.5-22	20-20.5	19.5-20	19-19.5	18-18.5	17-17.5	15.5-16	22-22.5	21.5-22	20-20.5	19.5-20
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																				
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,1-Dichloroethane	75-34-3	0.27	0.27	26	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,1-Dichloroethene	75-35-4	0.33	0.33	100	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	52	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,2-Dichloroethane	107-06-2	0.02	0.02	3.1	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 UJ	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 UJ
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	8.4	52	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Acetone	67-64-1	**0.05**	0.05	100	mg/kg	0.036	0.014	0.018	0.028	**0.051**	<0.0057 U	<0.0061 U	0.017	**0.09**	0.041	0.04	0.015	<0.0053 U	0.041	<0.0056 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.0062 UJ	<0.0062 UJ	<0.0045 UJ	<0.0051 U	<0.0072 U	<0.0057 U	<0.0061 UJ	<0.0066 UJ	<0.0055 UJ	<0.0051 UJ	<0.0055 UJ	<0.0053 U	<0.0053 U	<0.005 U	<0.0056 UJ
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Benzene	71-43-2	0.06	0.06	4.8	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	0.003 J	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Carbon Tetrachloride	56-23-5	0.76	0.76	2.4	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Chlorobenzene	108-90-7	1.1	1.1	100	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Chloroform	67-66-3	0.37	0.37	49	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Cis-1,2-Dichloroethene	156-59-2	0.25	0.25	100	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 UJ	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Ethylbenzene	100-41-4	1	1	41	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0062 U	<0.0062 U	<0.0045 U	<0.0051 U	<0.0072 U	<0.0057 U	<0.0061 U	<0.0066 U	<0.0055 U	<0.0051 U	<0.0055 U	<0.0053 U	<0.0053 U	<0.005 U	<0.0056 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	0.12	100	mg/kg	0.0067	<0.0031 U	0.0023 J	0.007	0.011	<0.0028 U	<0.0031 U	<0.0033 U	0.024	0.0061	0.0082	<0.0026 U	<0.0026 U	0.0054	<0.0028 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Methylene Chloride	75-09-2	0.05	0.05	100	mg/kg	<0.0062 U	0.01 J	<0.0045 U	<0.0051 U	<0.0072 U	<0.0057 U	<0.0061 U	<0.0066 U	0.0088 J	0.01	<0.0055 U	<0.0053 U	<0.0053 U	<0.005 U	0.0057 J
n-Butylbenzene	104-51-8	12	12	100	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
n-Propylbenzene	103-65-1	3.9	3.9	100	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Sec-Butylbenzene	135-98-8	11	11	100	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
T-Butylbenzene	98-06-6	5.9	5.9	100	mg/kg	<0.0031 UJ	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 UJ	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.0031 U	0.0048 J	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	0.0068 J	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Tert-Butyl Methyl Ether	1634-04-4	0.93	0.93	100	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	19	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Toluene	108-88-3	0.7	0.7	100	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Total Xylenes	1330-20-7	0.26	1.6	100	mg/kg	<0.0094 U	<0.0092 U	<0.0067 U	<0.0077 U	<0.011 U	<0.0085 U	<0.0092 U	<0.0098 U	<0.0083 U	<0.0077 U	<0.0082 U	<0.0079 U	<0.0079 U	<0.0075 U	<0.0084 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	0.47	0.47	21	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U
Vinyl Chloride	75-01-4	0.02	0.02	0.9	mg/kg	<0.0031 U	<0.0031 U	<0.0022 U	<0.0026 U	<0.0036 U	<0.0028 U	<0.0031 U	<0.0033 U	<0.0028 U	<0.0026 U	<0.0027 U	<0.0026 U	<0.0026 U	<0.0025 U	<0.0028 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE46	PE47	PE48	PE49	PE50	PE51	PE52	PE53	PE54	PE55	PE56	PE57	PE58	PE59	PE60
					Sample Name	PE46_17.5	PE47_17.5	PE48_16.5	PE49_22	PE50_21.5	PE51_20	PE52_19.5	PE53_19.0	PE54_18	PE55_17	PE56_15.5	PE57_22	PE58_21.5	PE59_20	PE60_19.5
					Sample Date	10/04/2024	10/03/2024	10/11/2024	09/11/2024	09/11/2024	09/17/2024	09/24/2024	10/08/2024	10/04/2024	10/03/2024	10/24/2024	09/11/2024	09/11/2024	09/11/2024	09/24/2024
					Sample Depth	17.5-18	17.5-18	16.5-17	22-22.5	21.5-22	20-20.5	19.5-20	19-19.5	18-18.5	17-17.5	15.5-16	22-22.5	21.5-22	20-20.5	19.5-20
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																				
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.104 U	<0.091 U	<0.0959 U	<0.0919 U	<0.087 U	<0.0899 U	<0.0937 U	<0.0982 U	<0.0921 U	<0.0985 U	<0.0927 U	<0.0952 U	<0.0895 U	<0.0875 U	<0.1 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	<0.0198 U	<0.0198 U	<0.0196 U	<0.0187 U	<0.0194 U	<0.0198 U	<0.019 U	<0.0198 U	<0.0198 U	<0.0196 U	<0.0198 U	<0.0192 U	<0.0187 U	<0.0187 U	<0.019 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.104 U	<0.091 U	<0.0959 U	<0.0919 U	<0.087 U	<0.0899 U	<0.0937 U	<0.0982 U	<0.0921 U	<0.0985 U	<0.0927 U	<0.0952 U	<0.0895 U	<0.0875 U	<0.1 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.104 U	<0.091 U	<0.0959 U	<0.0919 U	<0.087 U	<0.0899 U	<0.0937 U	<0.0982 U	<0.0921 U	<0.0985 U	<0.0927 U	<0.0952 U	<0.0895 U	<0.0875 U	<0.1 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.104 U	<0.091 U	<0.0959 U	<0.0919 U	<0.087 U	<0.0899 U	<0.0937 U	<0.0982 U	<0.0921 U	<0.0985 U	<0.0927 U	<0.0952 U	<0.0895 U	<0.0875 U	<0.1 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 UJ	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.104 U	<0.091 U	<0.0959 U	<0.0919 U	<0.087 U	<0.0899 U	<0.0937 U	<0.0982 U	<0.0921 U	<0.0985 U	<0.0927 U	<0.0952 U	<0.0895 U	<0.0875 U	<0.1 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.104 U	<0.091 U	<0.0959 U	<0.0919 U	<0.087 U	<0.0899 U	<0.0937 U	<0.0982 U	<0.0921 U	<0.0985 U	<0.0927 U	<0.0952 U	<0.0895 U	<0.0875 U	<0.1 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.104 U	<0.091 U	<0.0959 U	<0.0919 U	<0.087 U	<0.0899 U	<0.0937 U	<0.0982 U	<0.0921 U	<0.0985 U	<0.0927 U	<0.0952 U	<0.0895 U	<0.0875 U	<0.1 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.104 U	<0.091 U	<0.0959 U	<0.0919 U	<0.087 U	<0.0899 U	<0.0937 U	<0.0982 U	<0.0921 U	<0.0985 U	<0.0927 U	<0.0952 U	<0.0895 U	<0.0875 U	<0.1 U
Acenaphthene	83-32-9	20	98	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	0.0529 JD	<0.0439 U	0.117 D
Acenaphthylene	208-96-8	100	107	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	<0.208 U	<0.182 U	<0.192 U	<0.184 U	<0.174 U	<0.18 U	<0.188 U	<0.197 U	<0.184 U	<0.197 U	<0.186 U	<0.191 U	<0.179 U	<0.175 U	<0.2 U
Anthracene	120-12-7	100	1000	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	0.117 D	0.168 D	<0.0461 U	<0.0494 U	<0.0465 U	0.0936 JD	0.152 D	<0.0439 U	0.337 D
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.208 U	<0.182 U	<0.192 U	<0.184 U	<0.174 U	<0.18 U	<0.188 U	<0.197 U	<0.184 U	<0.197 U	<0.186 U	<0.191 U	<0.179 U	<0.175 U	<0.2 U
Benzo(a)anthracene	56-55-3	1	1	1	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.133 D	<0.0436 U	0.109 D	0.285 D	0.37 D	<0.0461 U	<0.0494 U	<0.0465 U	0.18 D	0.373 D	<0.0439 U	0.715 D
Benzo(a)pyrene	50-32-8	1	22	1	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.164 D	<0.0436 U	0.0941 D	0.26 D	0.34 D	<0.0461 U	<0.0494 U	<0.0465 U	0.19 D	0.381 D	<0.0439 U	0.157 D
Benzo(b)fluoranthene	205-99-2	1	1.7	1	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.15 D	<0.0436 U	0.0719 JD	0.226 D	0.312 D	<0.0461 U	<0.0494 U	<0.0465 U	0.164 D	0.294 D	<0.0439 U	0.443 D
Benzo(g,h,i)Perylene	191-24-2	100	1000	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.149 D	<0.0436 U	0.0726 JD	0.192 D	0.241 D	<0.0461 U	<0.0494 U	<0.0465 U	0.176 D	0.267 D	<0.0439 U	0.432 D
Benzo(k)fluoranthene	207-08-9	0.8	1.7	3.9	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.13 D	<0.0436 U	0.0762 JD	0.225 D	0.284 D	<0.0461 U	<0.0494 U	<0.0465 U	0.158 D	0.257 D	<0.0439 U	0.487 D
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 UJ	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	0.293 D	0.483 D	<0.0461 U	<0.0494 U	<0.0465 U	0.151 D	0.101 D	<0.0439 U	0.125 D
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.0911 JD	<0.0436 U	0.0805 JD	0.897 BD	0.553 D	<0.0461 U	<0.0494 U	<0.0465 U	0.591 D	0.442 D	<0.0439 U	0.285 J
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.104 U	<0.091 U	<0.0959 U	<0.0919 U	<0.087 U	<0.0899 U	<0.0937 U	<0.0982 U	<0.0921 U	<0.0985 U	<0.0927 U	<0.0952 U	<0.0895 U	<0.0875 U	<0.1 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	0.0541 JD	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Chrysene	218-01-9	1	1	3.9	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.152 D	<0.0436 U	0.117 D	0.315 D	0.359 D	<0.0461 U	<0.0494 U	<0.0465 U	0.176 D	0.396 D	<0.0439 U	0.832 D
Dibenz(a,h)anthracene	53-70-3	0.33	1000	0.33	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.0485 JD	<0.0436 U	<0.0451 U	0.0577 JD	0.0698 JD	<0.0461 U	<0.0494 U	<0.0465 U	0.051 JD	0.0801 JD	<0.0439 U	0.0655 JD
Dibenzofuran	132-64-9	7	210	59	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	0.0562 JD	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	100	1000	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.208 D	<0.0436 U	0.183 D	0.544 D	0.813 D	<0.0461 U	<0.0494 U	<0.0465 U	0.343 D	0.705 D	<0.0439 U	1.22 D
Fluorene	86-73-7	30	386	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	0.0487 JD	0.0549 JD	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	0.0586 JD	<0.0439 U	0.183 D
Hexachlorobenzene	118-74-1	0.33	3.2	1.2	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.5	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.136 D	<0.0436 U	0.0675 JD	0.205 D	0.213 D	<0.0461 U	<0.0494 U	<0.0465 U	0.168 D	0.274 D	<0.0439 U	0.444 D
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.0507 JD	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 U	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Pentachlorophenol	87-86-5	0.8	0.8	6.7	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 UJ	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Phenanthrene	85-01-8	100	1000	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.115 D	<0.0436 U	0.144 D	0.412 D	0.537 D	<0.0461 U	<0.0494 U	<0.0465 U	0.288 D	0.492 D	<0.0439 U	1.17 D
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	<0.046 U	<0.0436 U	<0.0451 UJ	<0.047 U	<0.0492 U	<0.0461 U	<0.0494 U	<0.0465 U	<0.0477 U	<0.0448 U	<0.0439 U	<0.0501 U
Pyrene	129-00-0	100	1000	100	mg/kg	<0.052 U	<0.0456 U	<0.0481 U	0.267 D	<0.0436 U	0.292 D	0.712 D	0.698 D	<0.0461 U	<0.0494 U	<0.0465 U	0.375 D	0.835 D	<0.0439 U	1.99 D
Pyridine	110-86-1	NS	NS	NS	mg/kg	<0.208 U	<0.182 U	<0.192 U	<0.184 U	<0.174 U	<0.18 U	<0.188 U	<0.197 U	<0.184 U	<0.197 U	<0.186 U	<0.191 U	<0.179 U	<0.175 U	<0.2 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE46	PE47	PE48	PE49	PE50	PE51	PE52	PE53	PE54	PE55	PE56	PE57	PE58	PE59	PE60
					Sample Name	PE46_17.5	PE47_17.5	PE48_16.5	PE49_22	PE50_21.5	PE51_20	PE52_19.5	PE53_19.0	PE54_18	PE55_17	PE56_15.5	PE57_22	PE58_21.5	PE59_20	PE60_19.5
					Sample Date	10/04/2024	10/03/2024	10/11/2024	09/11/2024	09/11/2024	09/17/2024	09/24/2024	10/08/2024	10/04/2024	10/03/2024	10/24/2024	09/11/2024	09/11/2024	09/11/2024	09/24/2024
					Sample Depth	17.5-18	17.5-18	16.5-17	22-22.5	21.5-22	20-20.5	19.5-20	19-19.5	18-18.5	17-17.5	15.5-16	22-22.5	21.5-22	20-20.5	19.5-20
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																				
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	**0.00756 D**	**0.00627 D**	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
4,4'-DDE	72-55-9	**0.0033**	17	8.9	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	**0.0105 D**	**0.00458 D**	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	0.00287 D
4,4'-DDT	50-29-3	**0.0033**	136	7.9	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	**0.00711 J**	0.00287 J	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	0.00276 J
Aldrin	309-00-2	0.005	0.19	0.097	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.48	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Alpha Chlordane	5103-71-9	0.094	2.9	4.2	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	0.00374 D	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Alpha Endosulfan	959-98-8	2.4	102	24	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.09	0.36	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Beta Endosulfan	33213-65-9	2.4	102	24	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.25	100	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Dieldrin	60-57-1	0.005	0.1	0.2	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Endosulfan Sulfate	1031-07-8	2.4	1000	24	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Endrin	72-20-8	0.014	0.06	11	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Gamma Bhc (Lindane)	58-89-9	0.1	0.1	1.3	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	0.00313 J	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Heptachlor	76-44-8	0.042	0.38	2.1	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	0.00421 D	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00203 U	<0.00178 U	<0.0019 U	<0.0018 U	<0.00171 U	<0.00176 U	<0.00186 U	<0.00192 U	<0.0018 U	<0.00192 U	<0.00187 U	<0.0019 U	<0.00179 U	<0.00173 U	<0.00197 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.203 U	<0.178 U	<0.19 U	<0.18 U	<0.171 U	<0.176 U	<0.186 U	<0.192 U	<0.18 U	<0.192 U	<0.187 U	<0.19 U	<0.179 U	<0.173 U	<0.197 U
Herbicides																				
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.0249 U	<0.0218 U	<0.023 U	<0.022 U	<0.0211 U	<0.0212 U	<0.0226 U	<0.0235 U	<0.0218 U	<0.0236 U	<0.0227 U	<0.0231 U	<0.0217 U	<0.021 U	<0.024 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.0249 U	<0.0218 U	<0.023 U	<0.022 U	<0.0211 U	<0.0212 U	<0.0226 U	<0.0235 U	<0.0218 U	<0.0236 U	<0.0227 U	<0.0231 U	<0.0217 U	<0.021 U	<0.024 U
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.0249 U	<0.0218 U	<0.023 U	<0.022 U	<0.0211 U	<0.0212 U	<0.0226 U	<0.0235 U	<0.0218 U	<0.0236 U	<0.0227 U	<0.0231 U	<0.0217 U	<0.021 U	<0.024 U
Polychlorinated Biphenyl																				
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0205 U	<0.0179 U	<0.0192 U	<0.0182 U	<0.0173 U	<0.0177 U	<0.0188 U	<0.0194 U	<0.0182 U	<0.0194 U	<0.0189 U	<0.0192 U	<0.0181 U	<0.0174 U	<0.0199 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0205 U	<0.0179 U	<0.0192 U	<0.0182 U	<0.0173 U	<0.0177 U	<0.0188 U	<0.0194 U	<0.0182 U	<0.0194 U	<0.0189 U	<0.0192 U	<0.0181 U	<0.0174 U	<0.0199 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0205 U	<0.0179 U	<0.0192 U	<0.0182 U	<0.0173 U	<0.0177 U	<0.0188 U	<0.0194 U	<0.0182 U	<0.0194 U	<0.0189 U	<0.0192 U	<0.0181 U	<0.0174 U	<0.0199 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0205 U	<0.0179 U	<0.0192 U	<0.0182 U	<0.0173 U	<0.0177 U	<0.0188 U	<0.0194 U	<0.0182 U	<0.0194 U	<0.0189 U	<0.0192 U	<0.0181 U	<0.0174 U	<0.0199 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0205 U	<0.0179 U	<0.0192 U	<0.0182 U	<0.0173 U	<0.0177 U	0.435 J	0.198 J	<0.0182 U	<0.0194 U	<0.0189 U	0.0781	0.0377	<0.0174 U	0.0433 J
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0205 U	<0.0179 U	<0.0192 U	<0.0182 U	<0.0173 U	<0.0177 U	<0.0188 U	<0.0194 U	<0.0182 U	<0.0194 U	<0.0189 U	<0.0192 U	<0.0181 U	<0.0174 U	<0.0199 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0205 U	<0.0179 U	<0.0192 U	<0.0182 U	<0.0173 U	<0.0177 U	0.179	0.0648	<0.0182 U	<0.0194 U	<0.0189 U	0.0318	0.0235	<0.0174 U	0.0249
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0205 U	<0.0179 U	<0.0192 U	<0.0182 U	<0.0173 U	<0.0177 U	**0.615 J**	**0.262 J**	<0.0182 U	<0.0194 U	<0.0189 U	**0.11**	0.0612	<0.0174 U	0.0682 J
Metals																				
Aluminum	7429-90-5	NS	NS	NS	mg/kg	12,200	5,030	9,090	7,640	5,260	5,510	6,130	7,230	6,350	11,800	9,690	6,510	5,350	5,340	6,170
Antimony	7440-36-0	NS	NS	NS	mg/kg	<2.6 U	<2.28 UJ	<2.42 U	3.38	<2.2 U	<2.25 UJ	5.95	4.8	<2.31 U	<2.47 U	<2.39 U	<2.41 U	<2.26 U	<2.21 U	<2.51 U
Arsenic	7440-38-2	**13**	16	16	mg/kg	1.87	<1.37 U	<1.45 U	5.8	1.42	2.44 J	5.96	**29.4**	2.02	3.62	3.85	6.64	4.62	1.78	5.47
Barium	7440-39-3	**350**	820	400	mg/kg	101	7.78	10.1	275	16.9	55.4	210	340	47.3	18.4	39.3	**411**	193	42	300
Beryllium	7440-41-7	7.2	47	72	mg/kg	<0.052 U	<0.046 U	<0.049 U	0.223	0.185	0.171	<0.048 U	0.566	<0.047 U	0.257	0.236	0.28	0.272	0.177	0.07
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	<0.312 U	<0.274 U	<0.29 U	0.714	<0.264 U	0.27	**3.29**	1.48	<0.277 U	<0.296 U	0.706	0.656	1.45	<0.266 U	1.47
Calcium	7440-70-2	NS	NS	NS	mg/kg	13,200	509 B	701	6,510	652	2,700	9,780	9,330	842	1,000	1,260	3,380	11,800	631	7,230
Chromium, Hexavalent	18540-29-9	1	19	110	mg/kg	<0.625 U	<0.548 UJ	<0.581 U	<0.556 U	<0.528 U	<0.541 UJ	<0.569 U	<0.59 U	<0.554 U	<0.593 U	<0.573 UJ	<0.579 U	<0.544 U	<0.532 U	<0.603 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	19.3	9.44	12.7	14.6	9.2	12.8	18.1	34.8	12.1	20.1	20.6	16.4	17.6	8.91	19.1
Chromium, Trivalent	16065-83-1	**30**	NS	180	mg/kg	19.3	9.44	12.7	14.6	9.2	12.8	18.1	**34.8**	12.1	20.1	20.6	16.4	17.6	8.91	19.1
Cobalt	7440-48-4	NS	NS	NS	mg/kg	4.88	2.33	2.86	5.92	3.51	6.19	4.85	9.44	4.49	3.54	5.12	6.09	5.73	3.37	5.78
Copper	7440-50-8	**50**	1720	270	mg/kg	17.8	7.1	6.17	**119**	9.26	23.6	**148**	**199**	12.7	17	16.1	**55**	**93.4**	9.85	**91.8**
Cyanide	57-12-5	27	40	27	mg/kg	<0.625 U	<0.548 U	<0.581 U	<0.556 U	<0.528 U	<0.541 U	0.626	<0.59 U	<0.554 U	<0.593 U	<0.573 U	<0.579 U	<0.544 U	<0.532 U	<0.603 U
Iron	7439-89-6	NS	NS	NS	mg/kg	13,500	5,320	5,440	23,700	8,030	15,800	19,400	70,300	9,640	13,700	31,300	27,700	19,800	8,170	20,200
Lead	7439-92-1	**63**	450	400	mg/kg	29.5	2.87 J	6.16	**2,140**	3.73	**65.9**	**454**	**369**	20.8	17.7	**114**	**206**	**362**	10.1	**342**
Magnesium	7439-95-4	NS	NS	NS	mg/kg	2,450	1,420	1,670	2,020	2,120	2,240	3,320	1,560	2,390	1,710	2,000	2,870	2,710	2,210	2,420
Manganese	7439-96-5	1600	2000	2000	mg/kg	82.6	40.2	44.8	298	60.1	196	246 J	472	59	56.2	231	185	187	63.5	244 J
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	0.0696	<0.0329 U	<0.0348 U	**0.249**	<0.0317 U	0.0633	**0.287**	**0.304**	0.164	0.073	<0.0344 U	**0.692**	**0.24**	<0.0319 U	**0.304**
Nickel	7440-02-0	**30**	130	310	mg/kg	16.3	9.79	10.3	21	16.7	20.2	27.2	**63.9**	21.2	15.5	21.5	28	21.2	18.1	22.7
Potassium	7440-09-7	NS	NS	NS	mg/kg	647 J	398	609 J	619 B	300 B	427	399 B	527	511 J	544	690	423 B	512 B	361 B	580 B
Selenium	7782-49-2	**3.9**	4	180	mg/kg	<2.6 U	<2.28 U	<2.42 U	<2.32 U	<2.2 U	<2.25 U	<2.37 U	**11.6**	<2.31 U	<2.47 U	<2.39 U	<2.41 U	<2.26 U	<2.21 U	<2.51 U
Silver	7440-22-4	2	8.3	180	mg/kg	<0.525 UJ	<0.46 UJ	<0.488 U	0.501	<0.444 U	<0.454 U	<0.478 U	<0.496 U	<0.465 UJ	<0.498 UJ	<0.481 U	<0.486 U	<0.457 U	<0.447 U	<0.507 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	101 J	<45.6 U	161 J	248	53.5	113	169 J	341	<55.7 U	179	169 J	178	180	55.1	218 J
Thallium	7440-28-0	NS	NS	NS	mg/kg	<2.6 U	<2.28 U	<2.42 U	<2.32 U	<2.2 U	<2.25 U	<2.37 U	<2.46 U	<2.31 U	<2.47 U	<2.39 U	<2.41 U	<2.26 U	<2.21 U	<2.51 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	24.8	10.9	11.1	20.6	12.4	15.9	30.9	26.1	16.3	26.2	21.3	19.6	20.8	11.7	23.9
Zinc	7440-66-6	**109**	2480	10000	mg/kg	85.1	13.3	17	**293**	20.1	79	**596**	**563**	81	25.1	**589**	**215**	**456**	52.6	**495**

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE46	PE47	PE48	PE49	PE50	PE51	PE52	PE53	PE54	PE55	PE56	PE57	PE58	PE59	PE60
					Sample Name	PE46_17.5	PE47_17.5	PE48_16.5	PE49_22	PE50_21.5	PE51_20	PE52_19.5	PE53_19.0	PE54_18	PE55_17	PE56_15.5	PE57_22	PE58_21.5	PE59_20	PE60_19.5
					Sample Date	10/04/2024	10/03/2024	10/11/2024	09/11/2024	09/11/2024	09/17/2024	09/24/2024	10/08/2024	10/04/2024	10/03/2024	10/24/2024	09/11/2024	09/11/2024	09/11/2024	09/24/2024
					Sample Depth	17.5-18	17.5-18	16.5-17	22-22.5	21.5-22	20-20.5	19.5-20	19-19.5	18-18.5	17-17.5	15.5-16	22-22.5	21.5-22	20-20.5	19.5-20
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
General Chemistry																				
Solids, Percent	SOLID	NS	NS	NS	Percent	80.1	91.3	86.1	89.9	94.6	92.5	87.8	84.7	90.3	84.4	87.3	86.4	92	94	82.9
Per- and Polyfluoroalkyl Substances																				
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NS	NS	NS	mg/kg	<0.000387 U	<0.000335 U	<0.000358 U	<0.000343 U	<0.000325 U	<0.000333 UJ	<0.000353 U	<0.000367 U	<0.000344 U	<0.000365 U	<0.000354 U	<0.000355 UJ	<0.000336 U	<0.000327 U	<0.000375 U
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	NS	NS	NS	mg/kg	<0.000939 U	<0.000814 U	<0.000868 U	<0.000833 UJ	<0.00079 U	<0.000808 UJ	<0.000856 UJ	<0.000892 U	<0.000834 U	<0.000886 U	<0.00086 U	<0.000862 UJ	<0.000816 UJ	<0.000795 UJ	<0.000909 UJ
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2FTS)	757124-72-4	NS	NS	NS	mg/kg	<0.00074 U	<0.000641 U	<0.000684 U	<0.000657 UJ	<0.000623 UJ	<0.000637 UJ	<0.000675 U	<0.000703 U	<0.000658 U	<0.000698 U	<0.000677 U	<0.000679 UJ	<0.000643 UJ	<0.000626 UJ	<0.000717 U
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2FTS)	27619-97-2	NS	NS	NS	mg/kg	<0.00074 U	<0.000641 U	<0.000684 U	<0.000657 UJ	<0.000623 UJ	<0.000637 UJ	<0.000675 UJ	<0.000703 U	<0.000658 U	<0.000698 U	<0.000677 U	<0.000679 UJ	<0.000643 UJ	<0.000626 UJ	<0.000717 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3	NS	NS	NS	mg/kg	<0.00261 U	<0.00226 U	<0.00241 U	<0.00232 U	<0.0022 U	<0.00225 U	<0.00238 U	<0.00248 U	<0.00232 U	<0.00246 U	<0.00239 U	<0.00239 U	<0.00227 U	<0.00221 U	<0.00253 U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4	NS	NS	NS	mg/kg	<0.00187 U	<0.00162 U	<0.00172 U	<0.00166 U	<0.00157 U	<0.00161 U	<0.0017 U	<0.00177 U	<0.00166 U	<0.00176 U	<0.00171 U	<0.00171 U	<0.00162 U	<0.00158 U	<0.00181 U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5	NS	NS	NS	mg/kg	<0.000789 U	<0.000683 U	<0.000729 U	<0.0007 UJ	<0.000663 UJ	<0.000679 U	<0.000719 U	<0.000749 U	<0.000701 U	<0.000744 U	<0.000722 U	<0.000723 UJ	<0.000685 UJ	<0.000667 UJ	<0.000764 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	<0.000216 U	<0.000188 U	<0.0002 U	<0.000192 U	<0.000182 U	<0.000186 U	<0.000197 U	<0.000205 U	<0.000192 U	<0.000204 U	<0.000198 U	<0.000199 U	<0.000188 U	<0.000183 U	<0.00021 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NS	NS	NS	mg/kg	<0.000306 U	<0.000265 U	<0.000283 U	<0.000272 U	<0.000257 U	<0.000263 UJ	<0.000279 U	<0.000291 U	<0.000272 U	<0.000289 U	<0.00028 U	<0.000281 UJ	<0.000266 U	<0.000259 U	<0.000296 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	NS	NS	mg/kg	<0.000756 UJ	<0.000655 UJ	<0.000699 U	<0.000671 U	<0.000636 U	<0.000651 U	<0.00069 U	<0.000718 U	<0.000672 U	<0.000714 UJ	<0.000692 U	<0.000694 U	<0.000657 U	<0.00064 U	<0.000732 U
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	NS	NS	mg/kg	<0.000246 U	<0.000213 U	<0.000228 U	<0.000219 U	<0.000207 U	<0.000212 U	<0.000225 U	<0.000234 U	<0.000219 U	<0.000232 U	<0.000225 UJ	<0.000226 U	<0.000214 U	<0.000208 U	<0.000238 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	<0.000241 U	<0.000209 U	<0.000223 U	<0.000214 UJ	<0.000203 U	<0.000208 UJ	0.000232	<0.000229 U	<0.000214 U	<0.000228 U	<0.000221 U	0.000909 J	<0.00021 UJ	<0.000204 UJ	<0.000234 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	NS	NS	mg/kg	<0.000867 U	<0.000751 U	<0.000801 U	<0.000769 U	<0.000729 U	<0.000746 U	<0.000791 UJ	<0.000823 U	<0.00077 U	<0.000818 U	<0.000794 U	<0.000795 U	<0.000753 U	<0.000734 U	<0.00084 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	NS	NS	mg/kg	<0.000224 U	<0.000194 U	<0.000207 U	<0.000199 U	<0.000188 U	<0.000193 U	<0.000204 U	<0.000213 U	<0.000199 U	<0.000211 U	<0.000205 U	<0.000205 U	<0.000195 U	<0.000189 U	<0.000217 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	<0.000184 U	<0.00016 U	<0.00017 U	<0.000163 U	<0.000155 U	<0.000158 UJ	<0.000168 U	<0.000175 U	<0.000164 U	<0.000174 U	<0.000169 UJ	<0.000169 UJ	<0.00016 U	<0.000156 U	<0.000178 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	NS	NS	mg/kg	<0.00076 U	<0.000659 U	<0.000703 U	<0.000674 U	<0.000639 U	<0.000654 U	<0.000693 U	<0.000722 U	<0.000675 U	<0.000717 U	<0.000696 U	<0.000697 U	<0.00066 U	<0.000643 U	<0.000736 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NS	NS	NS	mg/kg	<0.00024 U	<0.000208 U	<0.000222 U	<0.000213 U	<0.000202 U	<0.000207 U	<0.000219 U	<0.000228 U	<0.000213 U	<0.000227 U	<0.00022 U	<0.00022 U	<0.000209 U	<0.000203 U	<0.000232 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NS	NS	NS	mg/kg	<0.000173 U	<0.00015 U	<0.00016 U	<0.000153 U	<0.000145 U	<0.000149 U	<0.000158 U	<0.000164 U	<0.000154 U	<0.000163 U	<0.000158 U	<0.000159 U	<0.00015 U	<0.000146 U	<0.000167 U
Perfluoro-3-methoxypropanoic acid	377-73-1	NS	NS	NS	mg/kg	<0.0000771 U	<0.0000668 U	<0.0000713 U	<0.0000684 UJ	<0.0000649 UJ	<0.0000664 U	<0.0000703 UJ	<0.0000732 UJ	<0.0000685 U	<0.0000728 U	<0.0000706 U	<0.0000707 UJ	<0.0000667 UJ	<0.0000653 UJ	<0.0000747 UJ
Perfluoro-4-methoxybutanoic acid	863090-89-5	NS	NS	NS	mg/kg	<0.000119 U	<0.000103 U	<0.00011 U	<0.000106 U	<0.0001 U	<0.000103 U	<0.000109 U	<0.000113 U	<0.000106 U	<0.000113 U	<0.000109 U	<0.00011 U	<0.000104 U	<0.000101 U	<0.000116 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	<0.000138 U	<0.00012 U	<0.000128 U	<0.000123 U	<0.000116 U	<0.000119 U	<0.000126 U	<0.000131 U	<0.000123 U	<0.00013 U	<0.000126 U	<0.000127 U	<0.00012 U	<0.000117 U	<0.000134 U
Perfluorobutanoic acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	<0.000136 U	<0.000117 U	<0.000125 UJ	<0.00012 UJ	<0.000114 UJ	<0.000117 UJ	<0.000124 U	<0.000129 UJ	<0.00012 U	<0.000128 U	<0.000124 U	<0.000124 U	<0.000118 U	<0.000115 UJ	<0.000131 U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	<0.000238 U	<0.000206 U	<0.00022 U	<0.000211 U	<0.0002 U	<0.000205 UJ	<0.000217 U	<0.000226 U	<0.000211 U	<0.000224 U	<0.000217 U	<0.000218 UJ	<0.000206 U	<0.000201 U	<0.00023 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	<0.000238 UJ	<0.000206 U	<0.00022 U	<0.000211 U	<0.0002 U	<0.000205 U	<0.000217 U	<0.000226 U	<0.000211 U	<0.000224 U	<0.000217 U	<0.000218 U	<0.000206 U	<0.000201 U	<0.00023 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	NS	NS	mg/kg	<0.00021 U	<0.000182 U	<0.000194 U	<0.000187 U	<0.000177 U	<0.000181 UJ	<0.000192 UJ	<0.0002 UJ	<0.000187 U	<0.000198 U	<0.000192 U	<0.000193 UJ	<0.000183 U	<0.000178 U	<0.000204 UJ
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	<0.000203 U	<0.000176 U	<0.000187 U	<0.00018 U	<0.000171 U	<0.000175 U	<0.000185 U	<0.000192 U	<0.00018 U	<0.000191 U	<0.000186 U	<0.000186 U	<0.000176 U	<0.000172 U	<0.000196 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	<0.000193 U	<0.000167 U	<0.000178 U	<0.000171 U	<0.000162 U	<0.000166 UJ	<0.000176 U	<0.000183 U	<0.000171 U	<0.000182 U	<0.000176 U	<0.000177 UJ	<0.000167 U	<0.000163 U	<0.000187 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	<0.000131 U	<0.000113 U	<0.000121 U	<0.000116 U	<0.00011 U	<0.000112 U	<0.000119 U	<0.000124 U	<0.000116 U	<0.000123 U	<0.00012 U	<0.00012 U	<0.000113 U	<0.000111 U	<0.000126 U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	<0.000223 U	<0.000193 U	<0.000206 U	<0.000198 U	<0.000187 U	<0.000192 U	<0.000203 U	<0.000211 U	<0.000198 U	<0.00021 U	<0.000204 U	<0.000204 U	<0.000193 U	<0.000188 U	<0.000216 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	<0.0000659 U	<0.0000571 U	<0.0000609 U	<0.0000585 U	<0.0000555 U	<0.0000568 U	<0.0000601 U	0.0000841 J	<0.0000586 U	<0.0000622 U	<0.0000603 U	<0.0000605 U	<0.0000573 U	<0.0000558 U	<0.0000638 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	<0.000154 U	<0.000134 U	<0.000143 U	<0.000137 U	<0.00013 U	<0.000133 UJ	<0.000141 U	<0.000146 U	<0.000137 U	<0.000146 U	<0.000141 U	<0.000141 UJ	<0.000134 U	<0.000131 U	<0.000149 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	<0.000235 U	<0.000204 U	<0.000217 U	<0.000209 U	<0.000198 U	<0.000202 U	<0.000214 U	<0.000223 U	<0.000209 U	<0.000222 U	<0.000215 U	<0.000216 U	<0.000204 U	<0.000199 U	<0.000228 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	mg/kg	<0.000182 U	<0.000157 U	<0.000168 U	<0.000161 U	<0.000153 U	<0.000156 U	<0.000166 U	<0.000172 U	<0.000161 U	<0.000171 U	<0.000166 U	<0.000167 U	<0.000158 U	<0.000154 U	<0.000176 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.00088**	0.001	0.044	mg/kg	<0.000208 U	<0.00018 U	<0.000192 U	0.000195 J	<0.000175 U	<0.000179 UJ	0.000363	0.000524	<0.000185 U	<0.000196 U	<0.00019 U	0.000314 J	0.000273	<0.000176 U	0.000237
Perfluorooctanoic Acid (PFOA)	335-67-1	0.00066	0.0008	0.033	mg/kg	<0.000214 U	<0.000185 U	<0.000198 U	<0.00019 U	<0.00018 U	<0.000184 U	<0.000195 U	<0.000203 U	<0.00019 U	<0.000202 U	<0.000196 U	<0.000196 U	<0.000186 U	<0.000181 U	<0.000207 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	<0.000136 U	<0.000117 U	<0.000125 U	<0.00012 U	<0.000114 U	<0.000117 U	<0.000124 U	<0.000129 U	<0.00012 U	<0.000128 U	<0.000124 U	<0.000124 U	<0.000118 U	<0.000115 U	<0.000131 U
Perfluoropentansulfonic Acid (PFPeS)	2706-91-4	NS	NS	NS	mg/kg	<0.000195 U	<0.000169 U	<0.000181 U	<0.000173 U	<0.000164 U	<0.000168 U	<0.000178 U	<0.000185 U	<0.000174 U	<0.000184 U	<0.000179 U	<0.000179 U	<0.00017 U	<0.000165 U	<0.000189 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	mg/kg	<0.000128 U	<0.000111 U	<0.000118 U	<0.000114 U	<0.000108 U	<0.00011 U	<0.000117 U	<0.000122 U	<0.000114 U	<0.000121 U	<0.000117 U	<0.000118 U	<0.000111 U	<0.000108 U	<0.000124 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	<0.000156 U	<0.000135 U	<0.000144 U	<0.000138 U	<0.000131 U	<0.000134 U	<0.000142 U	<0.000148 U	<0.000138 U	<0.000147 U	<0.000142 U	<0.000143 U	<0.000135 U	<0.000132 U	<0.000151 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	mg/kg	<0.000246 U	<0.000213 U	<0.000228 U	<0.000219 U	<0.000207 U	<0.000212 U	<0.000225 U	<0.000234 U	<0.000219 U	<0.000232 U	<0.000225 U	<0.000226 U	<0.000214 U	<0.000208 U	<0.000238 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE61	PE62	PE63	PE64	PE65	PE66	PE67	PE68	PE68	PE69	PE70	PE71	PE72	PE73	PE74	PE75	PE76	PE77
					Sample Name	PE61_19	PE62_18.0	PE63_17	PE64_16	PE65_22	PE66_21	PE67_20.5	PE68_20	DUP_10222024	PE69_19.5	PE70_18	PE71_17	PE72_16	PE73_21.5	PE74_19	PE75_18	PE76_17	PE77_16
					Sample Date	10/09/2024	10/08/2024	10/04/2024	10/09/2024	10/25/2024	10/25/2024	10/22/2024	10/22/2024	10/22/2024	10/22/2024	10/09/2024	10/04/2024	10/31/2024	10/25/2024	10/23/2024	10/23/2024	10/31/2024	10/31/2024
					Sample Depth	19-19.5	18-18.5	17-17.5	16-16.5	22-22.5	21-21.5	20.5-21	20-20.5	20-20.5	19.5-20	18-18.5	17-17.5	16-16.5	21.5-22	19-19.5	18-18.5	17-17.5	16-16.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																							
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,1-Dichloroethane	75-34-3	0.27	0.27	26	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,1-Dichloroethene	75-35-4	0.33	0.33	100	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	52	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,2-Dichloroethane	107-06-2	0.02	0.02	3.1	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	8.4	52	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Acetone	67-64-1	**0.05**	0.05	100	mg/kg	**0.067**	0.033	0.037	0.012	0.033 J	**0.059**	0.03	0.041	**0.053**	**0.061**	0.028	<0.0055 U	0.023 J	0.039 J	0.042	**0.13**	<0.014 U	<0.0093 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.0093 UJ	<0.0075 UJ	<0.0056 UJ	<0.0054 UJ	<0.0053 UJ	<0.0065 UJ	<0.0055 UJ	<0.0053 UJ	<0.0054 UJ	<0.0056 UJ	<0.0057 UJ	<0.0055 UJ	<0.0044 U	<0.0052 UJ	<0.0053 UJ	<0.011 UJ	<0.0049 U	<0.0046 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Benzene	71-43-2	0.06	0.06	4.8	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 UJ	<0.0032 UJ	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 UJ	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	0.0055 J	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	0.0027 J	<0.0028 U	<0.0028 U	<0.0028 U	0.0026 J	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Carbon Tetrachloride	56-23-5	0.76	0.76	2.4	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Chlorobenzene	108-90-7	1.1	1.1	100	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Chloroform	67-66-3	0.37	0.37	49	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Cis-1,2-Dichloroethene	156-59-2	0.25	0.25	100	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 UJ	<0.0032 UJ	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 UJ	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Ethylbenzene	100-41-4	1	1	41	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0093 U	<0.0075 U	<0.0056 U	<0.0054 U	<0.0053 U	<0.0065 U	<0.0055 U	<0.0053 U	<0.0054 U	<0.0056 U	<0.0057 U	<0.0055 U	<0.0044 U	<0.0052 U	<0.0053 U	<0.011 U	<0.0049 U	<0.0046 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	0.0027 J	0.0086	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	0.0041 J	<0.0055 U	<0.0024 U	<0.0023 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	0.12	100	mg/kg	0.013	<0.0037 U	0.0073	0.0094	0.0044 J	0.012	0.0041 J	0.0079	0.0099	0.012	0.0058	<0.0028 U	0.0048	0.006	0.0079	0.031	<0.0024 U	<0.0023 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Methylene Chloride	75-09-2	0.05	0.05	100	mg/kg	<0.0093 U	<0.0075 U	<0.0056 U	<0.0054 U	<0.0053 U	0.0075 J	<0.0055 U	0.0074 J	<0.0054 U	<0.0056 U	<0.0057 U	<0.0055 U	<0.0044 U	0.0054 J	<0.0053 U	<0.011 U	<0.0049 U	0.0047 J
n-Butylbenzene	104-51-8	12	12	100	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
n-Propylbenzene	103-65-1	3.9	3.9	100	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Sec-Butylbenzene	135-98-8	11	11	100	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
T-Butylbenzene	98-06-6	5.9	5.9	100	mg/kg	<0.0046 U	<0.0037 U	<0.0028 UJ	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 UJ	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Tert-Butyl Methyl Ether	1634-04-4	0.93	0.93	100	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	19	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Toluene	108-88-3	0.7	0.7	100	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Total Xylenes	1330-20-7	0.26	1.6	100	mg/kg	<0.014 U	<0.011 U	<0.0084 U	<0.0081 U	<0.008 U	<0.0097 U	<0.0082 U	<0.0079 U	<0.008 U	<0.0084 U	<0.0085 U	<0.0083 U	<0.0066 U	<0.0077 U	<0.008 U	<0.017 U	<0.0073 U	<0.0069 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	0.47	0.47	21	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U
Vinyl Chloride	75-01-4	0.02	0.02	0.9	mg/kg	<0.0046 U	<0.0037 U	<0.0028 U	<0.0027 U	<0.0027 U	<0.0032 U	<0.0027 U	<0.0026 U	<0.0027 U	<0.0028 U	<0.0028 U	<0.0028 U	<0.0022 U	<0.0026 U	<0.0027 U	<0.0055 U	<0.0024 U	<0.0023 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE61	PE62	PE63	PE64	PE65	PE66	PE67	PE68	PE68	PE69	PE70	PE71	PE72	PE73	PE74	PE75	PE76	PE77
					Sample Name	PE61_19	PE62_18.0	PE63_17	PE64_16	PE65_22	PE66_21	PE67_20.5	PE68_20	DUP_10222024	PE69_19.5	PE70_18	PE71_17	PE72_16	PE73_21.5	PE74_19	PE75_18	PE76_17	PE77_16
					Sample Date	10/09/2024	10/08/2024	10/04/2024	10/09/2024	10/25/2024	10/25/2024	10/22/2024	10/22/2024	10/22/2024	10/22/2024	10/09/2024	10/04/2024	10/31/2024	10/25/2024	10/23/2024	10/23/2024	10/31/2024	10/31/2024
					Sample Depth	19-19.5	18-18.5	17-17.5	16-16.5	22-22.5	21-21.5	20.5-21	20-20.5	20-20.5	19.5-20	18-18.5	17-17.5	16-16.5	21.5-22	19-19.5	18-18.5	17-17.5	16-16.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																							
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.109 U	<0.0915 U	<0.0917 U	<0.0996 U	<0.0885 U	<0.092 U	<0.0911 U	<0.0878 U	<0.0887 U	<0.0922 U	<0.092 U	<0.0903 U	<0.0956 U	<0.0891 U	<0.09 U	<0.0943 U	<0.0871 U	<0.0876 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	<0.0198 U	<0.0187 U	<0.0198 U	<0.0187 U	<0.0198 U	<0.0194 U	<0.0192 U	<0.0189 U	<0.0189 U	<0.0198 U	<0.0189 U	<0.0198 U	<0.0198 U	<0.0198 U	<0.0198 U	<0.0189 U	<0.0189 U	<0.0194 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.109 U	<0.0915 U	<0.0917 U	<0.0996 U	<0.0885 U	<0.092 U	<0.0911 U	<0.0878 U	<0.0887 U	<0.0922 U	<0.092 U	<0.0903 U	<0.0956 U	<0.0891 U	<0.09 U	<0.0943 U	<0.0871 U	<0.0876 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.109 U	<0.0915 UJ	<0.0917 U	<0.0996 U	<0.0885 UJ	<0.092 UJ	<0.0911 UJ	<0.0878 UJ	<0.0887 UJ	<0.0922 UJ	<0.092 U	<0.0903 U	<0.0956 U	<0.0891 UJ	<0.09 U	<0.0943 U	<0.0871 U	<0.0876 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	0.0581 JD	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.109 U	<0.0915 U	<0.0917 U	<0.0996 U	<0.0885 U	<0.092 U	<0.0911 U	<0.0878 U	<0.0887 U	<0.0922 U	<0.092 U	<0.0903 U	<0.0956 U	<0.0891 U	<0.09 U	<0.0943 U	<0.0871 U	<0.0876 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.109 U	<0.0915 U	<0.0917 U	<0.0996 U	<0.0885 U	<0.092 U	<0.0911 U	<0.0878 U	<0.0887 U	<0.0922 U	<0.092 U	<0.0903 U	<0.0956 U	<0.0891 U	<0.09 U	<0.0943 U	<0.0871 U	<0.0876 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.109 U	<0.0915 U	<0.0917 U	<0.0996 U	<0.0885 UJ	<0.092 UJ	<0.0911 U	<0.0878 U	<0.0887 U	<0.0922 U	<0.092 U	<0.0903 U	<0.0956 U	<0.0891 UJ	<0.09 U	<0.0943 U	<0.0871 U	<0.0876 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.109 U	<0.0915 U	<0.0917 U	<0.0996 U	<0.0885 UJ	<0.092 UJ	<0.0911 U	<0.0878 U	<0.0887 U	<0.0922 U	<0.092 U	<0.0903 U	<0.0956 U	<0.0891 UJ	<0.09 U	<0.0943 U	<0.0871 U	<0.0876 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.109 U	<0.0915 U	<0.0917 U	<0.0996 U	<0.0885 U	<0.092 U	<0.0911 U	<0.0878 U	<0.0887 U	<0.0922 U	<0.092 U	<0.0903 U	<0.0956 U	<0.0891 U	<0.09 U	<0.0943 U	<0.0871 U	<0.0876 U
Acenaphthene	83-32-9	20	98	100	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	0.239 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Acenaphthylene	208-96-8	100	107	100	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	<0.219 U	<0.183 U	<0.184 U	<0.199 U	<0.177 U	<0.184 U	<0.182 U	<0.176 U	<0.178 U	<0.185 U	<0.184 U	<0.181 U	<0.191 U	<0.178 U	<0.18 U	<0.189 U	<0.174 U	<0.175 U
Anthracene	120-12-7	100	1000	100	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	0.233 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.219 U	<0.183 U	<0.184 U	<0.199 U	<0.177 U	<0.184 U	<0.182 U	<0.176 U	<0.178 U	<0.185 U	<0.184 U	<0.181 U	<0.191 U	<0.178 U	<0.18 U	<0.189 U	<0.174 U	<0.175 U
Benzo(a)anthracene	56-55-3	1	1	1	mg/kg	<0.0548 U	0.0754 JD	<0.046 U	<0.0499 U	<0.0444 U	0.0882 JD	<0.0456 U	0.109 D	<0.0445 U	0.0936 D	0.322 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Benzo(a)pyrene	50-32-8	1	22	1	mg/kg	<0.0548 U	0.0622 JD	<0.046 U	<0.0499 U	<0.0444 U	0.0632 JD	<0.0456 U	0.0807 JD	<0.0445 U	0.0759 JD	0.23 D	<0.0452 U	<0.0479 U	<0.0447 U	0.095 D	<0.0473 U	<0.0437 U	<0.0439 U
Benzo(b)fluoranthene	205-99-2	1	1.7	1	mg/kg	<0.0548 U	0.0798 JD	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	0.0667 JD	<0.0445 U	0.0634 JD	0.171 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Benzo(g,h,i)Perylene	191-24-2	100	1000	100	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	0.0456 JD	<0.0445 U	0.0524 JD	0.11 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	3.9	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	0.0695 JD	<0.0445 U	0.0649 JD	0.198 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	0.0545 JD	0.153 D	<0.0456 U	0.073 JD	<0.0445 U	0.0944 D	0.102 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.09 U	0.121 D	<0.0437 U	<0.0439 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.109 U	<0.0915 U	<0.0917 U	<0.0996 U	<0.0885 U	<0.092 U	<0.0911 U	<0.0878 U	<0.0887 U	<0.0922 U	<0.092 U	<0.0903 U	<0.0956 U	<0.0891 U	<0.09 U	<0.0943 U	<0.0871 U	<0.0876 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	0.0978 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Chrysene	218-01-9	1	1	3.9	mg/kg	<0.0548 U	0.0637 JD	<0.046 U	<0.0499 U	<0.0444 U	0.0956 D	<0.0456 U	0.105 D	<0.0445 U	0.0936 D	0.324 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Dibenz(a,h)anthracene	53-70-3	0.33	1000	0.33	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Dibenzofuran	132-64-9	7	210	59	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	0.118 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	100	1000	100	mg/kg	0.0848 JD	0.122 D	<0.046 U	<0.0499 U	<0.0444 U	0.0948 D	<0.0456 U	0.234 J	<0.0445 UJ	0.167 D	1.11 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	0.0633 JD	<0.0437 U	<0.0439 U
Fluorene	86-73-7	30	386	100	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	0.235 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Hexachlorobenzene	118-74-1	0.33	3.2	1.2	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 UJ	<0.0461 UJ	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 UJ	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.5	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	0.0463 JD	<0.0445 U	0.0487 JD	0.121 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Naphthalene	91-20-3	12	12	100	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	0.0846 JD	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Pentachlorophenol	87-86-5	0.8	0.8	6.7	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Phenanthrene	85-01-8	100	1000	100	mg/kg	0.0577 JD	0.0571 JD	<0.046 U	<0.0499 U	<0.0444 U	0.0801 JD	<0.0456 U	0.226 J	<0.0445 UJ	0.142 D	1.39 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.0548 U	<0.0459 U	<0.046 U	<0.0499 U	<0.0444 U	<0.0461 U	<0.0456 U	<0.044 U	<0.0445 U	<0.0462 U	<0.0461 U	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	<0.0473 U	<0.0437 U	<0.0439 U
Pyrene	129-00-0	100	1000	100	mg/kg	0.0778 JD	0.105 D	<0.046 U	<0.0499 U	<0.0444 U	0.157 D	0.0531 JD	0.234 J	<0.0445 UJ	0.183 D	0.915 D	<0.0452 U	<0.0479 U	<0.0447 U	<0.0451 U	0.0588 JD	<0.0437 U	<0.0439 U
Pyridine	110-86-1	NS	NS	NS	mg/kg	<0.219 U	<0.183 U	<0.184 U	<0.199 U	<0.177 U	<0.184 U	<0.182 U	<0.176 U	<0.178 U	<0.185 U	<0.184 U	<0.181 U	<0.191 U	<0.178 U	<0.18 U	<0.189 U	<0.174 U	<0.175 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE61	PE62	PE63	PE64	PE65	PE66	PE67	PE68	PE68	PE69	PE70	PE71	PE72	PE73	PE74	PE75	PE76	PE77
					Sample Name	PE61_19	PE62_18.0	PE63_17	PE64_16	PE65_22	PE66_21	PE67_20.5	PE68_20	DUP_10222024	PE69_19.5	PE70_18	PE71_17	PE72_16	PE73_21.5	PE74_19	PE75_18	PE76_17	PE77_16
					Sample Date	10/09/2024	10/08/2024	10/04/2024	10/09/2024	10/25/2024	10/25/2024	10/22/2024	10/22/2024	10/22/2024	10/22/2024	10/09/2024	10/04/2024	10/31/2024	10/25/2024	10/23/2024	10/23/2024	10/31/2024	10/31/2024
					Sample Depth	19-19.5	18-18.5	17-17.5	16-16.5	22-22.5	21-21.5	20.5-21	20-20.5	20-20.5	19.5-20	18-18.5	17-17.5	16-16.5	21.5-22	19-19.5	18-18.5	17-17.5	16-16.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																							
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
4,4'-DDE	72-55-9	**0.0033**	17	8.9	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
4,4'-DDT	50-29-3	**0.0033**	136	7.9	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Aldrin	309-00-2	0.005	0.19	0.097	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.48	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Alpha Chlordane	5103-71-9	0.094	2.9	4.2	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Alpha Endosulfan	959-98-8	2.4	102	24	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.09	0.36	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Beta Endosulfan	33213-65-9	2.4	102	24	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.25	100	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Dieldrin	60-57-1	0.005	0.1	0.2	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Endosulfan Sulfate	1031-07-8	2.4	1000	24	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Endrin	72-20-8	0.014	0.06	11	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Gamma Bhc (Lindane)	58-89-9	0.1	0.1	1.3	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Heptachlor	76-44-8	0.042	0.38	2.1	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00213 U	<0.00181 U	<0.00182 U	<0.00196 U	<0.00176 U	<0.00183 U	<0.0018 U	<0.00173 U	<0.00176 U	<0.00181 U	<0.00181 U	<0.0018 U	<0.00186 U	<0.00177 U	<0.00178 U	<0.00188 U	<0.0017 U	<0.00171 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.213 U	<0.181 U	<0.182 U	<0.196 U	<0.176 U	<0.183 U	<0.18 U	<0.173 U	<0.176 U	<0.181 U	<0.181 U	<0.18 U	<0.186 U	<0.177 U	<0.178 U	<0.188 U	<0.17 U	<0.171 U
Herbicides																							
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.026 U	<0.022 U	<0.022 U	<0.0236 U	<0.0213 U	<0.0221 U	<0.0214 U	<0.0206 U	<0.0209 U	<0.0217 U	<0.0219 U	<0.0218 U	<0.0229 U	<0.0212 U	<0.0215 U	<0.0227 U	<0.0209 U	<0.021 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.026 U	<0.022 U	<0.022 U	<0.0236 U	<0.0213 U	<0.0221 U	<0.0214 U	<0.0206 U	<0.0209 U	<0.0217 U	<0.0219 U	<0.0218 U	<0.0229 U	<0.0212 U	<0.0215 U	<0.0227 U	<0.0209 U	<0.021 U
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.026 U	<0.022 U	<0.022 U	<0.0236 U	<0.0213 U	<0.0221 U	<0.0214 U	<0.0206 U	<0.0209 U	<0.0217 U	<0.0219 U	<0.0218 U	<0.0229 U	<0.0212 U	<0.0215 U	<0.0227 U	<0.0209 U	<0.021 U
Polychlorinated Biphenyl																							
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0216 U	<0.0182 U	<0.0184 U	<0.0198 U	<0.0177 U	<0.0184 U	<0.0182 U	<0.0174 U	<0.0177 U	<0.0183 U	<0.0183 U	<0.0181 U	<0.0188 U	<0.0179 U	<0.018 U	<0.019 U	<0.0171 U	<0.0172 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0216 U	<0.0182 U	<0.0184 U	<0.0198 U	<0.0177 U	<0.0184 U	<0.0182 U	<0.0174 U	<0.0177 U	<0.0183 U	<0.0183 U	<0.0181 U	<0.0188 U	<0.0179 U	<0.018 U	<0.019 U	<0.0171 U	<0.0172 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0216 U	<0.0182 U	<0.0184 U	<0.0198 U	<0.0177 U	<0.0184 U	<0.0182 U	<0.0174 U	<0.0177 U	<0.0183 U	<0.0183 U	<0.0181 U	<0.0188 U	<0.0179 U	<0.018 U	<0.019 U	<0.0171 U	<0.0172 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0216 U	<0.0182 U	<0.0184 U	<0.0198 U	<0.0177 U	<0.0184 U	<0.0182 U	<0.0174 U	<0.0177 U	<0.0183 U	<0.0183 U	<0.0181 U	<0.0188 U	<0.0179 U	<0.018 U	<0.019 U	<0.0171 U	<0.0172 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0216 U	<0.0182 U	<0.0184 U	<0.0198 U	<0.0177 U	<0.0184 U	<0.0182 U	<0.0174 U	<0.0177 U	<0.0183 U	<0.0183 U	<0.0181 U	<0.0188 U	<0.0179 U	<0.018 U	<0.019 U	<0.0171 U	<0.0172 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0216 U	<0.0182 U	<0.0184 U	<0.0198 U	<0.0177 U	<0.0184 U	<0.0182 U	<0.0174 U	<0.0177 U	<0.0183 U	<0.0183 U	<0.0181 U	<0.0188 U	<0.0179 U	<0.018 U	<0.019 U	<0.0171 U	<0.0172 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0216 U	<0.0182 U	<0.0184 U	<0.0198 U	<0.0177 U	<0.0184 U	<0.0182 U	<0.0174 U	<0.0177 U	<0.0183 U	<0.0183 U	<0.0181 U	<0.0188 U	<0.0179 U	<0.018 U	<0.019 U	<0.0171 U	<0.0172 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.1**	3.2	1	mg/kg	<0.0216 U	<0.0182 U	<0.0184 U	<0.0198 U	<0.0177 U	<0.0184 U	<0.0182 U	<0.0174 U	<0.0177 U	<0.0183 U	<0.0183 U	<0.0181 U	<0.0188 U	<0.0179 U	<0.018 U	<0.019 U	<0.0171 U	<0.0172 U
Metals																							
Aluminum	7429-90-5	NS	NS	NS	mg/kg	5,320	6,670	8,120	10,700	5,470	5,000	5,460	4,920	5,320	6,480	6,640	6,220	8,360	7,400	5,610	5,080	6,310	4,740
Antimony	7440-36-0	NS	NS	NS	mg/kg	<2.74 U	<2.31 U	<2.33 UJ	<2.49 U	<2.23 U	<2.31 U	<2.29 U	<2.21 U	<2.23 U	<2.32 U	<2.31 U	<2.3 U	<2.41 U	<2.24 U	<2.26 U	<2.38 UJ	<2.2 U	<2.21 UJ
Arsenic	7440-38-2	**13**	16	16	mg/kg	13	3	4.96	3.47	<1.34 U	3.73	1.8	1.97	1.84	4.2	4.32	2.38	1.72	1.71	1.53	3.37	2.37	1.47
Barium	7440-39-3	**350**	820	400	mg/kg	**403**	49.6	54.6	26.8	22.8	98.7	25.1	48.5 J	28.7 J	173	84.5	41.1	23.5	10.5	13.8	149	7.37	10.3
Beryllium	7440-41-7	7.2	47	72	mg/kg	0.542	0.081	<0.047 U	<0.05 U	0.214	0.293	0.249	0.223	0.244	0.725	<0.046 U	0.069	0.194	0.264	0.246	0.297	0.252	0.216
Cadmium	7440-43-9	**2.5**	7.5	4.3	mg/kg	0.833	<0.277 U	<0.28 U	<0.299 U	<0.267 U	0.296	<0.275 U	<0.265 U	<0.268 U	0.826	1.02	<0.276 U	<0.289 U	<0.269 U	<0.271 U	<0.285 U	<0.264 U	<0.265 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	5,910	1,970	780	608	613 B	9,450 B	943	2,580	2,450	14,400	3,030	867	776	943 B	925	2,900	667	539
Chromium, Hexavalent	18540-29-9	1	19	110	mg/kg	<0.658 U	<0.554 U	<0.559 U	<0.597 U	<0.534 U	<0.555 U	<0.55 U	<0.53 U	<0.536 U	<0.557 U	<0.554 U	<0.552 U	<0.579 U	<0.538 U	<0.541 U	<0.571 U	<0.527 U	<0.531 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	32.8	12.6	14	20.6	10.6	11	9.81	9.24	9.67	16.7	14.2	11.7	13	14.6	9.82	11.6	10.5	9.92
Chromium, Trivalent	16065-83-1	**30**	NS	180	mg/kg	**32.8**	12.6	14	20.6	10.6	11	9.81	9.24	9.67	16.7	14.2	11.7	13	14.6	9.82	11.6	10.5	9.92
Cobalt	7440-48-4	NS	NS	NS	mg/kg	7.53	4.14	6.07	3.69	3.53	4.28	3.92	4.5	4.64	5.76	3.99	4.76	2.24	4.89	3.91	4.15	4.18	3.22
Copper	7440-50-8	**50**	1720	270	mg/kg	**119**	33.2	10.2	13	7.1	26.6	11.3	13.3	13.6	**61.2**	33.1	20.7	5.46	10.5	8.56	27.8	8.09	7.75
Cyanide	57-12-5	27	40	27	mg/kg	<0.658 U	<0.554 U	<0.559 U	<0.597 U	<0.534 U	<0.555 U	<0.55 U	<0.53 U	<0.536 U	0.592	<0.554 U	<0.552 U	<0.579 U	<0.538 U	<0.541 U	<0.571 UJ	<0.527 U	<0.531 U
Iron	7439-89-6	NS	NS	NS	mg/kg	21,800	8,420	8,950	11,800	7,460	13,900	8,850	9,000	10,100	17,700	12,100	8,480	6,500	10,700	8,550	15,500	8,700	7,230
Lead	7439-92-1	**63**	450	400	mg/kg	**455**	29	5.39	**261**	4.73	**317**	9.61	56.3 J	9.86 J	**170**	**88.7**	37.9 B	4.18	3.78	3.29	**173 J**	3.38	2.51
Magnesium	7439-95-4	NS	NS	NS	mg/kg	659	2,200	2,140	1,800	1,730	1,570	2,380	1,510	1,610	4,070	1,900	1,730	1,480	3,120	1,530	1,320	1,790	1,660
Manganese	7439-96-5	1600	2000	2000	mg/kg	179	67	54	59.1	88.7	226	81.3	105	113	284	136	85.5	46.6	139	119	128 J	80.6	55.7
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	0.153	0.0928	<0.0336 U	<0.0358 U	<0.0321 U	**0.195**	<0.033 U	<0.0318 U	0.0524	**1.01**	0.152	0.0333	<0.0347 U	<0.0323 U	<0.0325 U	**0.279 J**	<0.0316 U	<0.0318 U
Nickel	7440-02-0	**30**	130	310	mg/kg	**44.7**	18	18.3	12.9	15.3	12.3	16.7	13	13.7	17.7	16.1	16.5	9.47	22.6	12.4	12.5	13.4	13
Potassium	7440-09-7	NS	NS	NS	mg/kg	570	513	511 J	608	513	603	516	501	553	804	545	482 J	459 B	648	526	536	549 B	411 B
Selenium	7782-49-2	**3.9**	4	180	mg/kg	3.1	<2.31 U	<2.33 U	<2.49 U	<2.23 U	<2.31 U	<2.29 U	<2.21 U	<2.23 U	<2.32 U	<2.31 U	<2.3 U	<2.41 U	<2.24 U	<2.26 U	<2.38 U	<2.2 U	<2.21 U
Silver	7440-22-4	2	8.3	180	mg/kg	<0.552 U	<0.466 U	<0.47 UJ	<0.501 U	<0.449 U	<0.466 U	<0.462 U	<0.445 U	<0.45 U	<0.468 U	<0.465 U	<0.464 U	<0.486 U	<0.452 U	<0.455 U	<0.48 U	<0.443 U	<0.446 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	294 J	79.4	65.8 J	140 J	81.1	126	61	73.8	71.7	225	115 J	<65.7 U	130	112	71.1	119 J	69.4	54.1
Thallium	7440-28-0	NS	NS	NS	mg/kg	<2.74 U	<2.31 U	<2.33 U	<2.49 U	<2.23 U	<2.31 U	<2.29 U	<2.21 U	<2.23 U	<2.32 U	<2.31 U	<2.3 U	<2.41 U	<2.24 U	<2.26 U	<2.38 U	<2.2 U	<2.21 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	28.1	15.2	16.1	22.7	11.1	15.3	16.3	11.8	12.9	23.3	16.9	14.3	14.8	17	11.9	15.1	15.4	11.6
Zinc	7440-66-6	**109**	2480	10000	mg/kg	**349**	55.4	17.4	33.5	17.4	105	43.5	**110 J**	**213 J**	**304**	**178**	48.7	14.7	18	12.8	**115 J**	31.4	13.2

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	PE61	PE62	PE63	PE64	PE65	PE66	PE67	PE68	PE68	PE69	PE70	PE71	PE72	PE73	PE74	PE75	PE76	PE77
					Sample Name	PE61_19	PE62_18.0	PE63_17	PE64_16	PE65_22	PE66_21	PE67_20.5	PE68_20	DUP_10222024	PE69_19.5	PE70_18	PE71_17	PE72_16	PE73_21.5	PE74_19	PE75_18	PE76_17	PE77_16
					Sample Date	10/09/2024	10/08/2024	10/04/2024	10/09/2024	10/25/2024	10/25/2024	10/22/2024	10/22/2024	10/22/2024	10/22/2024	10/09/2024	10/04/2024	10/31/2024	10/25/2024	10/23/2024	10/23/2024	10/31/2024	10/31/2024
					Sample Depth	19-19.5	18-18.5	17-17.5	16-16.5	22-22.5	21-21.5	20.5-21	20-20.5	20-20.5	19.5-20	18-18.5	17-17.5	16-16.5	21.5-22	19-19.5	18-18.5	17-17.5	16-16.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
General Chemistry																							
Solids, Percent	SOLID	NS	NS	NS	Percent	76	90.2	89.4	83.7	93.6	90.1	91	94.4	93.4	89.8	90.3	90.6	86.4	93	92.3	87.6	94.8	94.2
Per- and Polyfluoroalkyl Substances																							
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NS	NS	NS	mg/kg	<0.000409 U	<0.000345 U	<0.000346 U	<0.000371 U	<0.000326 U	<0.000341 U	<0.000336 U	<0.000324 U	<0.00033 U	<0.000346 U	<0.000344 U	<0.00034 U	<0.00036 U	<0.00033 U	<0.000335 U	<0.000349 U	<0.000361 U	<0.000363 U
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	NS	NS	NS	mg/kg	<0.000993 U	<0.000837 U	<0.000839 U	<0.000901 U	<0.000793 U	<0.000828 U	<0.000815 U	<0.000787 U	<0.000801 U	<0.000841 U	<0.000836 U	<0.000825 U	<0.000874 U	<0.000801 U	<0.000813 U	<0.000847 U	<0.000876 U	<0.000881 U
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2FTS)	757124-72-4	NS	NS	NS	mg/kg	<0.000782 U	<0.00066 U	<0.000661 U	<0.00071 U	<0.000625 U	<0.000653 U	<0.000642 U	<0.00062 U	<0.000631 U	<0.000662 U	<0.000659 UJ	<0.00065 U	<0.000689 U	<0.000631 U	<0.00064 U	<0.000667 U	<0.00069 U	<0.000694 U
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2FTS)	27619-97-2	NS	NS	NS	mg/kg	<0.000782 U	<0.00066 U	<0.000661 U	<0.00071 U	<0.000787 U	<0.000823 U	<0.000642 U	<0.00062 U	<0.000631 U	<0.000662 U	<0.000659 U	<0.00065 U	<0.000868 U	<0.000796 U	<0.00064 U	<0.000667 U	<0.00087 U	<0.000875 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3	NS	NS	NS	mg/kg	<0.00276 U	<0.00233 U	<0.00233 U	<0.00251 U	<0.0022 U	<0.0023 U	<0.00227 U	<0.00219 U	<0.00222 U	<0.00234 U	<0.00232 U	<0.00229 U	<0.00243 U	<0.00223 U	<0.00226 U	<0.00235 U	<0.00243 U	<0.00245 U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4	NS	NS	NS	mg/kg	<0.00197 U	<0.00166 U	<0.00167 U	<0.00179 U	<0.00157 U	<0.00165 U	<0.00162 U	<0.00156 U	<0.00159 U	<0.00167 U	<0.00166 U	<0.00164 U	<0.00174 U	<0.00159 U	<0.00161 U	<0.00168 U	<0.00174 U	<0.00175 U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5	NS	NS	NS	mg/kg	<0.000834 U	<0.000703 U	<0.000705 U	<0.000757 U	<0.000666 UJ	<0.000695 UJ	<0.000685 UJ	<0.000661 UJ	<0.000672 UJ	<0.000706 UJ	<0.000702 U	<0.000693 U	<0.000734 U	<0.000672 UJ	<0.000682 UJ	<0.000711 UJ	<0.000736 U	<0.00074 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	<0.000229 U	<0.000193 UJ	<0.000193 U	<0.000208 U	<0.000183 U	<0.000191 U	<0.000188 U	<0.000181 U	<0.000185 U	<0.000194 U	<0.000193 U	<0.00019 U	<0.000201 U	<0.000185 U	<0.000187 U	<0.000195 U	<0.000202 U	<0.000203 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NS	NS	NS	mg/kg	<0.000324 U	<0.000273 U	<0.000273 U	<0.000294 U	<0.000258 U	<0.00027 U	<0.000266 U	<0.000257 U	<0.000261 U	<0.000274 U	<0.000272 U	<0.000269 U	<0.000285 U	<0.000261 U	<0.000265 U	<0.000276 U	<0.000285 U	<0.000287 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	NS	NS	mg/kg	<0.0008 U	<0.00067 U	<0.00067 U	<0.00072 U	<0.00063 U	<0.00067 U	<0.00065 U	<0.00063 U	<0.00064 U	<0.00067 U	<0.00067 U	<0.00064 U	<0.00070 U	<0.00064 U	<0.00065 U	<0.00065 U	<0.00068 U	<0.00070 U
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	NS	NS	mg/kg	<0.00026 U	<0.00022 U	<0.00022 U	<0.000236 U	<0.000208 U	<0.000217 U	<0.000214 U	<0.000206 U	<0.00021 U	<0.00022 U	<0.000219 U	<0.000216 U	<0.000229 U	<0.00021 U	<0.000213 U	<0.000222 U	<0.00023 U	<0.000231 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	<0.000255 U	<0.000215 U	<0.000216 U	<0.000232 U	<0.000204 U	<0.000213 U	<0.000209 U	<0.000202 U	<0.000206 U	<0.000216 U	<0.000215 U	<0.000212 U	<0.000225 U	<0.000206 U	<0.000209 U	<0.000218 U	<0.000225 U	<0.000226 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	NS	NS	mg/kg	<0.000917 U	<0.000773 U	<0.000775 U	<0.000832 U	<0.000732 U	<0.000764 U	<0.000753 U	<0.000727 U	<0.000739 U	<0.000776 U	<0.000772 U	<0.000762 U	<0.000807 U	<0.000739 U	<0.00075 U	<0.000782 U	<0.000809 U	<0.000813 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	NS	NS	mg/kg	<0.000237 U	<0.0002 U	<0.0002 U	<0.000215 U	<0.000189 U	<0.000197 U	<0.000194 U	<0.000188 U	<0.000191 U	<0.0002 U	<0.000199 U	<0.000197 U	<0.000208 U	<0.000191 U	<0.000194 U	<0.000202 U	<0.000209 U	<0.00021 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	<0.000195 U	<0.000164 U	<0.000165 U	<0.000177 U	<0.000155 U	<0.000162 U	<0.00016 U	<0.000154 U	<0.000157 U	<0.000165 U	<0.000164 U	<0.000162 U	<0.000171 U	<0.000157 U	<0.000159 U	<0.000166 U	<0.000172 U	<0.000173 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	NS	NS	mg/kg	<0.000804 U	<0.000677 U	<0.000679 U	<0.00073 U	<0.000641 U	<0.00067 U	<0.00066 U	<0.000637 U	<0.000648 U	<0.00068 U	<0.000676 U	<0.000668 U	<0.000707 U	<0.000648 U	<0.000658 U	<0.000685 U	<0.000709 U	<0.000713 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NS	NS	NS	mg/kg	<0.000254 U	<0.000214 U	<0.000215 U	<0.00023 U	<0.000203 U	<0.000212 U	<0.000208 U	<0.000201 U	<0.000205 U	<0.000215 U	<0.000214 U	<0.000211 U	<0.000223 U	<0.000205 U	<0.000208 U	<0.000216 U	<0.000224 U	<0.000225 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NS	NS	NS	mg/kg	<0.000183 U	<0.000154 U	<0.000155 U	<0.000166 U	<0.000146 U	<0.000152 U	<0.00015 U	<0.000145 U	<0.000147 U	<0.000155 U	<0.000154 U	<0.000152 U	<0.000161 U	<0.000147 U	<0.00015 U	<0.000156 U	<0.000161 U	<0.000162 U
Perfluoro-3-methoxypropanoic acid	377-73-1	NS	NS	NS	mg/kg	<0.0000815 UJ	<0.0000687 UJ	<0.0000689 U	<0.0000774 UJ	<0.0000651 UJ	<0.0000688 UJ	<0.0000669 UJ	<0.0000646 UJ	<0.0000658 UJ	<0.0000693 UJ	<0.0000686 U	<0.0000678 U	<0.0000718 U	<0.0000658 UJ	<0.0000667 U	<0.0000695 U	<0.0000719 U	<0.0000724 U
Perfluoro-4-methoxybutanoic acid	863090-89-5	NS	NS	NS	mg/kg	<0.000126 U	<0.000106 U	<0.000107 U	<0.000115 U	<0.000101 U	<0.000105 U	<0.000104 U	<0.0001 U	<0.000102 U	<0.000107 U	<0.000106 U	<0.000105 U	<0.000111 U	<0.000102 U	<0.000103 U	<0.000108 U	<0.000111 U	<0.000112 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	<0.000146 U	<0.000123 U	<0.000123 U	<0.000133 U	<0.000117 U	<0.000122 U	<0.00012 U	<0.000116 U	<0.000118 U	<0.000124 U	<0.000123 U	<0.000121 U	<0.000128 U	<0.000118 U	<0.000119 U	<0.000125 U	<0.000129 U	<0.00013 U
Perfluorobutanoic acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	<0.000143 U	<0.000121 UJ	<0.000121 U	<0.00013 UJ	<0.000114 UJ	<0.00012 UJ	<0.000118 U	<0.000114 UJ	<0.000116 U	<0.000121 U	<0.000121 U	<0.000119 UJ	<0.000126 UJ	<0.000116 U	<0.000117 U	<0.000122 UJ	<0.000126 U	<0.000127 U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	<0.000251 U	<0.000212 U	<0.000212 U	<0.000228 U	<0.000201 U	<0.000209 U	<0.000206 U	<0.000199 U	<0.000203 U	<0.000213 U	<0.000211 U	<0.000209 U	<0.000221 U	<0.000203 U	<0.000206 U	<0.000214 U	<0.000222 U	<0.000223 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	<0.000251 U	<0.000212 U	<0.000212 U	<0.000228 U	<0.000201 U	<0.000209 U	<0.000206 U	<0.000199 U	<0.000203 U	<0.000213 U	<0.000211 U	<0.000209 U	<0.000221 U	<0.000203 U	<0.000206 U	<0.000214 U	<0.000222 U	<0.000223 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	NS	NS	mg/kg	<0.000222 UJ	<0.000187 UJ	<0.000188 U	<0.000202 UJ	<0.000177 U	<0.000185 U	<0.000182 U	<0.000176 U	<0.000179 U	<0.000188 U	<0.000187 UJ	<0.000185 U	<0.000196 U	<0.000179 U	<0.000182 U	<0.00019 U	<0.000196 U	<0.000197 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	<0.000214 U	<0.000181 U	<0.000181 U	<0.000195 U	<0.000171 U	<0.000179 U	<0.000176 U	<0.00017 U	<0.000173 U	<0.000181 U	<0.00018 U	<0.000178 U	<0.000189 U	<0.000173 U	<0.000175 U	<0.000183 U	<0.000189 U	<0.00019 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	<0.000204 U	<0.000172 U	<0.000172 U	<0.000185 U	<0.000163 U	<0.00017 U	<0.000167 U	<0.000162 U	<0.000164 U	<0.000173 U	<0.000172 U	<0.000169 U	<0.000179 U	<0.000164 U	<0.000167 U	<0.000174 U	<0.00018 U	<0.000181 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	<0.000138 U	<0.000116 U	<0.000117 U	<0.000125 U	<0.00011 U	<0.000115 U	<0.000113 U	<0.000109 U	<0.000111 U	<0.000117 U	<0.000116 U	<0.000115 U	<0.000122 U	<0.000111 U	<0.000113 U	<0.000118 U	<0.000122 U	<0.000123 U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	<0.000235 U	<0.000198 U	<0.000199 U	<0.000214 U	<0.000188 U	<0.000196 U	<0.000193 U	<0.000187 U	<0.00019 U	<0.000199 U	<0.000198 U	<0.000196 U	<0.000207 U	<0.00019 U	<0.000193 U	<0.000201 U	<0.000208 U	<0.000209 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	<0.0000697 U	<0.0000588 U	<0.0000589 U	<0.0000633 U	<0.0000556 U	<0.0000581 U	<0.0000572 U	<0.0000553 U	<0.0000562 U	<0.000059 U	<0.0000587 U	<0.0000579 U	<0.0000613 U	<0.0000562 U	<0.0000571 U	<0.0000594 U	<0.0000615 U	<0.0000619 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	<0.000163 U	<0.000137 U	<0.000138 U	<0.000148 U	<0.00013 U	<0.000136 U	<0.000134 U	<0.000129 U	<0.000132 U	<0.000138 U	<0.000137 U	<0.000136 U	<0.000144 U	<0.000132 U	<0.000133 U	<0.000139 U	<0.000144 U	<0.000145 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	<0.000249 U	<0.00021 U	<0.00021 U	<0.000226 U	<0.000198 U	<0.000207 U	<0.000204 U	<0.000197 U	<0.0002 U	<0.00021 U	<0.000209 U	<0.000207 U	<0.000219 U	<0.0002 U	<0.000203 U	<0.000212 U	<0.000219 U	<0.000221 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	mg/kg	<0.000192 U	<0.000162 U	<0.000162 U	<0.000174 U	<0.000153 U	<0.00016 U	<0.000158 U	<0.000152 U	<0.000155 U	<0.000163 U	<0.000162 U	<0.00016 U	<0.000169 U	<0.000155 U	<0.000157 U	<0.000164 U	<0.000169 U	<0.00017 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.00088**	0.001	0.044	mg/kg	<0.00022 U	<0.000185 U	<0.000186 U	<0.000199 U	<0.000175 U	<0.000183 U	<0.00018 U	<0.000174 U	<0.000177 U	<0.000186 U	<0.000185 U	<0.000183 U	<0.000193 U	<0.000177 U	<0.00018 U	<0.000187 U	<0.000194 U	<0.000195 U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.00066	0.0008	0.033	mg/kg	<0.000226 U	<0.000191 UJ	<0.000191 U	<0.000205 U	<0.000181 U	<0.000189 U	<0.000186 U	<0.000179 U	<0.000182 U	<0.000192 U	<0.00019 U	<0.000188 U	<0.000199 U	<0.000182 U	<0.000185 U	<0.000193 U	<0.0002 U	<0.000201 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	<0.000143 U	<0.000121 U	<0.000121 U	<0.00013 U	<0.000114 U	<0.00012 U	<0.000118 U	<0.000114 U	<0.000116 U	<0.000121 U	<0.000121 U	<0.000119 U	<0.000126 U	<0.000116 U	<0.000117 U	<0.000122 U	<0.000126 U	<0.000127 U
Perfluoropentansulfonic Acid (PFPeS)	2706-91-4	NS	NS	NS	mg/kg	<0.000206 U	<0.000174 U	<0.000175 U	<0.000187 U	<0.000165 U	<0.000172 U	<0.00017 U	<0.000164 U	<0.000167 U	<0.000175 U	<0.000174 U	<0.000172 U	<0.000182 U	<0.000167 U	<0.000169 U	<0.000176 U	<0.000182 U	<0.000183 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	mg/kg	<0.000135 U	<0.000114 U	<0.000115 U	<0.000123 U	<0.000108 U	<0.000113 U	<0.000111 U	<0.000107 U	<0.000109 U	<0.000115 U	<0.000114 U	<0.000113 U	<0.000119 U	<0.000109 U	<0.000111 U	<0.000116 U	<0.00012 U	<0.00012 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	<0.000164 U	<0.000139 U	<0.000139 U	<0.000149 U	<0.000131 U	<0.000137 U	<0.000135 U	<0.00013 U	<0.000133 U	<0.000139 U	<0.000138 U	<0.000137 U	<0.000145 U	<0.000133 U	<0.000135 U	<0.00014 U	<0.000145 U	<0.000146 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	mg/kg	<0.00026 U	<0.00022 U	<0.00022 U	<0.000236 U	<0.000208 U	<0.000217 U	<0.000214 U	<0.000206 U	<0.00021 U	<0.00022 U	<0.000219 U	<0.000216 U	<0.000229 U	<0.00021 U	<0.000213 U	<0.000222 U	<0.00023 U	<0.000231 U

Table 5
Final Engineering Report
Documentation Endpoint Soil Sample Analytical Results Summary

12096 Flatlands Avenue
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688802

Notes:

CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use, Protection of Groundwater, and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Remedial Programs Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Unrestricted Use, Restricted Use Restricted-Residential, and Protection of Groundwater Guidance Values (April 2023).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

Table 6
Final Engineering Report
Imported Materials Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	TRUCKING COMPANY	TRUCK LICENSE PLATE STATE	TRUCK LICENSE PLATE NUMBER	TRUCK No.	TICKET NUMBER	STAGING AREA	MATERIAL TYPE	MATERIAL WEIGHT (tons)	IMPORT FACILITY	TIME
1	4/18/2024	AAJM	NJ	AX436X	4	543309	Eastern	1.5" Stone	25.4	Braen Stone of Sparta	7:00 AM
2	4/18/2024	Jencar	NJ	AS450Y	69	542988	Eastern	1.5" Stone	23.31	Braen Stone of Sparta	7:05 AM
3	4/18/2024	Jencar	NJ	AS702T	63	542998	Eastern	1.5" Stone	23.09	Braen Stone of Sparta	7:10 AM
4	4/29/2024	Jencar	NJ	AU854R	76	545684	Eastern	1.5" Stone	23.27	Braen Stone of Sparta	7:00 AM
5	4/29/2024	Jencar	NJ	AS450Y	69	545701	Eastern	1.5" Stone	22.8	Braen Stone of Sparta	7:05 AM
6	5/7/2024	Jhonatan	NJ	AX908X	12	547286	Eastern	1.5" Stone	22.77	Braen Stone of Sparta	7:00 AM
7	5/7/2024	S&L	NJ	AY607Y	1	547308	Eastern	1.5" Stone	22.31	Braen Stone of Sparta	7:05 AM
8	5/7/2024	Lucas	NJ	AW217E	4	547197	Eastern	1.5" Stone	22.92	Braen Stone of Sparta	7:10 AM
9	5/7/2024	Lucas	NJ	AW216E	5	547203	Eastern	1.5" Stone	22.69	Braen Stone of Sparta	7:15 AM
10	5/7/2024	Jhonatan	NJ	AX457G	18	547296	Eastern	1.5" Stone	22.90	Braen Stone of Sparta	7:20 AM
11	5/7/2024	AAJM	NJ	AY976M	11	547264	Eastern	1.5" Stone	23.35	Braen Stone of Sparta	7:25 AM
12	5/7/2024	AAJM	NJ	AY447R	12	547269	Eastern	1.5" Stone	23.32	Braen Stone of Sparta	7:30 AM
13	5/7/2024	AAJM	NJ	AX378P	9	547275	Eastern	1.5" Stone	22.99	Braen Stone of Sparta	7:35 AM
14	5/7/2024	AAJM	NJ	AX377P	5	547272	Eastern	1.5" Stone	23.08	Braen Stone of Sparta	7:40 AM
15	5/7/2024	Jencar	NJ	AS450Y	69	547277	Eastern	1.5" Stone	23.46	Braen Stone of Sparta	7:45 AM
16	5/8/2024	AAJM	NJ	AX916L	6	547627	Eastern & Western	1.5" Stone	22.52	Braen Stone of Sparta	7:00 AM
17	5/8/2024	AAJM	NJ	AY769Z	1	547626	Eastern & Western	1.5" Stone	22.15	Braen Stone of Sparta	7:05 AM
18	5/8/2024	JGM	NJ	AY668L	3270	547670	Eastern & Western	1.5" Stone	22.76	Braen Stone of Sparta	7:10 AM
19	5/8/2024	AAJM	NJ	AX975Y	10	547542	Eastern & Western	1.5" Stone	22.4	Braen Stone of Sparta	7:15 AM
20	5/8/2024	Jencar	NJ	AX781C	71	547564	Eastern & Western	1.5" Stone	23.01	Braen Stone of Sparta	7:20 AM
21	5/8/2024	AAJM	NJ	AY975M	8	547540	Eastern & Western	1.5" Stone	22.06	Braen Stone of Sparta	7:25 AM
22	5/8/2024	AAJM	NJ	AX436X	4	547520	Eastern & Western	1.5" Stone	22.48	Braen Stone of Sparta	7:30 AM
23	5/8/2024	AAJM	NJ	AX377P	5	547525	Eastern & Western	1.5" Stone	22.85	Braen Stone of Sparta	7:35 AM
24	5/8/2024	Jencar	NJ	AX780C	62	547464	Eastern & Western	1.5" Stone	22.34	Braen Stone of Sparta	7:40 AM
25	5/8/2024	Jencar	NJ	AW847H	67	547570	Eastern & Western	1.5" Stone	22.31	Braen Stone of Sparta	7:45 AM
26	5/8/2024	Jencar	NJ	AU854R	76	547566	Eastern & Western	1.5" Stone	22.64	Braen Stone of Sparta	7:50 AM
27	5/8/2024	Pipos	NJ	AY998C	7	547573	Eastern & Western	1.5" Stone	23.28	Braen Stone of Sparta	7:55 AM
28	5/8/2024	Pipos	NJ	AX680W	1	547575	Eastern & Western	1.5" Stone	22.57	Braen Stone of Sparta	8:00 AM
29	5/8/2024	Jencar	NJ	AS416T	64	547583	Eastern & Western	1.5" Stone	22.71	Braen Stone of Sparta	8:05 AM
30	5/8/2024	Jencar	NJ	AS450Y	69	547584	Eastern & Western	1.5" Stone	22.94	Braen Stone of Sparta	8:10 AM
31	5/8/2024	Jencar	NJ	AS702T	63	547586	Eastern & Western	1.5" Stone	23.03	Braen Stone of Sparta	8:15 AM
32	5/13/2024	Lucas	NJ	AU440S	3	548310	Eastern	1.5" Stone	22.35	Braen Stone of Sparta	7:00 AM
33	5/13/2024	Lucas	NJ	AW725D	2	548311	Eastern	1.5" Stone	22.71	Braen Stone of Sparta	7:05 AM
34	5/13/2024	Lucas	NJ	AW217E	4	548332	Eastern	1.5" Stone	22.69	Braen Stone of Sparta	7:10 AM
35	5/13/2024	Lucas	NJ	AW216E	5	548386	Eastern	1.5" Stone	22.32	Braen Stone of Sparta	7:15 AM
36	5/13/2024	Lucas	NJ	AU656M	1	548359	Eastern	1.5" Stone	23.16	Braen Stone of Sparta	7:20 AM
37	5/13/2024	AAJM	NJ	AY694C	2	548465	Eastern	1.5" Stone	22.63	Braen Stone of Sparta	7:25 AM
38	5/14/2024	Jencar	NJ	AS416T	64	5000225	Eastern	1.5" Stone	23.09	Braen Stone of Sparta	7:00 AM
39	5/14/2024	Jencar	NJ	AW847H	67	5000233	Eastern	1.5" Stone	23.31	Braen Stone of Sparta	7:05 AM
40	5/14/2024	Jencar	NJ	AS450Y	69	5000246	Eastern	1.5" Stone	23.38	Braen Stone of Sparta	7:10 AM
41	5/14/2024	VE Transport	NJ	AW259D	6	548649	Eastern	1.5" Stone	21.75	Braen Stone of Sparta	7:15 AM
42	5/14/2024	S&L	NJ	AY607Y	1	548622	Eastern	1.5" Stone	22.32	Braen Stone of Sparta	7:20 AM
43	5/14/2024	HMA	NJ	AY521A	3	548657	Eastern	1.5" Stone	22.04	Braen Stone of Sparta	7:25 AM
44	5/14/2024	HMA	NJ	AU610S	11	548645	Eastern	1.5" Stone	22.85	Braen Stone of Sparta	7:30 AM
45	5/15/2024	HMA	NJ	AY521A	3	5000357	Northeastern	1.5" Stone	22.35	Braen Stone of Sparta	7:00 AM
46	5/15/2024	LVM	NJ	AY441V	4	5000367	Northeastern	1.5" Stone	22.12	Braen Stone of Sparta	7:05 AM
47	5/15/2024	Jencar	NJ	AU854R	76	5000472	Northeastern	1.5" Stone	23.01	Braen Stone of Sparta	7:10 AM
48	5/15/2024	Lucas	NJ	AW216E	5	5000376	Northeastern	1.5" Stone	22.83	Braen Stone of Sparta	7:15 AM
49	5/15/2024	Lucas	NJ	AU656M	1	5000374	Northeastern	1.5" Stone	23.1	Braen Stone of Sparta	7:20 AM
50	5/15/2024	Jencar	NJ	AS702T	63	5000371	Northeastern	1.5" Stone	23.54	Braen Stone of Sparta	7:25 AM
51	5/15/2024	JGM	NJ	AW890H	3273	5000462	Northeastern	1.5" Stone	22.94	Braen Stone of Sparta	7:30 AM
52	5/15/2024	HMA	NJ	AU610S	11	5000361	Northeastern	1.5" Stone	22.53	Braen Stone of Sparta	7:35 AM
53	5/15/2024	Jencar	NJ	AS416T	64	5000441	Northeastern	1.5" Stone	22.21	Braen Stone of Sparta	7:40 AM
54	5/15/2024	Lucas	NJ	AW725D	2	5000430	Northeastern	1.5" Stone	22.46	Braen Stone of Sparta	7:45 AM
55	5/15/2024	Jencar	NJ	AW847H	67	5000421	Northeastern	1.5" Stone	22.26	Braen Stone of Sparta	7:50 AM
56	5/15/2024	Jencar	NJ	AX913D	60	5000476	Northeastern	1.5" Stone	22.43	Braen Stone of Sparta	7:55 AM
57	5/15/2024	JGM	NJ	AY668L	3270	5000477	Northeastern	1.5" Stone	22.62	Braen Stone of Sparta	8:00 AM
58	5/15/2024	Jencar	NJ	AX781C	71	5000621	Northeastern	1.5" Stone	22.78	Braen Stone of Sparta	8:05 AM

Table 6
Final Engineering Report
Imported Materials Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	TRUCKING COMPANY	TRUCK LICENSE PLATE STATE	TRUCK LICENSE PLATE NUMBER	TRUCK No.	TICKET NUMBER	STAGING AREA	MATERIAL TYPE	MATERIAL WEIGHT (tons)	IMPORT FACILITY	TIME
59	5/16/2024	AAJM	NJ	AY511B	3	5000692	Southern	1.5" Stone	22.07	Braen Stone of Sparta	7:00 AM
60	5/16/2024	AAJM	NJ	AX377P	5	5000819	Southern	1.5" Stone	22.27	Braen Stone of Sparta	7:05 AM
61	5/16/2024	DSM	NJ	AY347F	6	5000650	Southern	1.5" Stone	22.63	Braen Stone of Sparta	7:10 AM
62	5/16/2024	AAJM	NJ	AT694C	2	5000693	Southern	1.5" Stone	22.17	Braen Stone of Sparta	7:15 AM
63	5/16/2024	AAJM	NJ	AX436X	4	5000691	Southern	1.5" Stone	22.91	Braen Stone of Sparta	7:20 AM
64	5/16/2024	AAJM	NJ	AY976M	11	5000671	Southern	1.5" Stone	22.95	Braen Stone of Sparta	7:25 AM
65	5/16/2024	AAJM	NJ	AY447R	12	5000669	Southern	1.5" Stone	23.17	Braen Stone of Sparta	7:30 AM
66	5/16/2024	AAJM	NJ	AX916L	6	5000756	Southern	1.5" Stone	23.14	Braen Stone of Sparta	7:35 AM
67	5/16/2024	AAJM	NJ	AX378P	9	5000628	Southern	1.5" Stone	22.95	Braen Stone of Sparta	7:40 AM
68	5/16/2024	AAJM	NJ	AY769Z	1	5000762	Southern	1.5" Stone	22.35	Braen Stone of Sparta	7:45 AM
69	5/22/2024	Jencar	NJ	AS416T	64	3002196	Eastern	1.5" Stone	22.13	Braen Stone of Sparta	7:00 AM
70	5/22/2024	Jencar	NJ	AW847H	67	3002194	Eastern	1.5" Stone	22.53	Braen Stone of Sparta	7:05 AM
71	5/22/2024	Cabrera	NJ	AY183C	2	3002085	Eastern	1.5" Stone	22.11	Braen Stone of Sparta	7:10 AM
72	5/22/2024	Cabrera	NJ	AU692P	3	3002103	Eastern	1.5" Stone	22.57	Braen Stone of Sparta	7:15 AM
73	5/22/2024	Cabrera	NJ	AY772L	10	3002076	Eastern	1.5" Stone	23.09	Braen Stone of Sparta	7:20 AM
74	5/22/2024	Jencar	NJ	AX781C	71	3002186	Eastern	1.5" Stone	23.41	Braen Stone of Sparta	7:25 AM
75	5/22/2024	Jencar	NJ	AW432C	77	3002181	Eastern	1.5" Stone	22.04	Braen Stone of Sparta	7:30 AM
76	5/22/2024	Jencar	NJ	AX913D	60	3002217	Eastern	1.5" Stone	23.34	Braen Stone of Sparta	7:35 AM
77	5/23/2024	Jencar	NJ	AX913D	60	3002454	Central	1.5" Stone	22.72	Braen Stone of Sparta	7:00 AM
78	5/23/2024	Jencar	NJ	AS416T	64	3002441	Central	1.5" Stone	23.03	Braen Stone of Sparta	7:05 AM
79	5/23/2024	Jencar	NJ	AS450Y	69	3002459	Central	1.5" Stone	22.7	Braen Stone of Sparta	7:10 AM
80	5/30/2024	Jhonatan	NJ	AU129V	14	549659	Southern	1.5" Stone	22.49	Braen Stone of Sparta	7:15 AM
81	5/30/2024	Jhonatan	NJ	AX578K	5	549657	Southern	1.5" Stone	22.78	Braen Stone of Sparta	7:20 AM
82	5/30/2024	Jhonatan	NJ	AX532P	22	549658	Southern	1.5" Stone	22.81	Braen Stone of Sparta	7:25 AM
83	5/30/2024	Lucas	NJ	AW216E	5	549432	Southern	1.5" Stone	22.41	Braen Stone of Sparta	7:30 AM
84	5/30/2024	Lucas	NJ	AW217E	4	549421	Southern	1.5" Stone	22.68	Braen Stone of Sparta	7:35 AM
85	5/31/2024	Jencar	NJ	AS416T	64	549928	Northern	1.5" Stone	22.19	Braen Stone of Sparta	7:00 AM
86	5/31/2024	Jencar	NJ	AW432C	77	549945	Northern	1.5" Stone	22.43	Braen Stone of Sparta	7:05 AM
87	5/31/2024	Lucas	NJ	AW217E	4	549807	Northern	1.5" Stone	23.25	Braen Stone of Sparta	7:10 AM
88	5/31/2024	Lucas	NJ	AW216E	5	549803	Northern	1.5" Stone	22.6	Braen Stone of Sparta	7:15 AM
89	6/3/2024	Lucas	NJ	AU440S	3	550160	Southern	1.5" Stone	22.64	Braen Stone of Sparta	7:00 AM
90	6/3/2024	Jencar	NJ	AS416T	64	550351	Southern	1.5" Stone	22.23	Braen Stone of Sparta	7:05 AM
91	6/3/2024	Lucas	NJ	AU656M	1	550185	Southern	1.5" Stone	22.61	Braen Stone of Sparta	7:10 AM
92	6/3/2024	Lucas	NJ	AW217E	4	550219	Southern	1.5" Stone	22.85	Braen Stone of Sparta	7:15 AM
93	6/3/2024	Lucas	NJ	AW216E	5	550225	Southern	1.5" Stone	22.35	Braen Stone of Sparta	7:20 AM
94	6/3/2024	Lucas	NJ	AW725D	2	550217	Southern	1.5" Stone	22.61	Braen Stone of Sparta	7:25 AM
95	6/4/2024	Jencar	NJ	AX724C	68	550803	Southern	1.5" Stone	22.89	Braen Stone of Sparta	7:00 AM
96	6/4/2024	Jencar	NJ	AU854R	76	550829	Southern	1.5" Stone	22.62	Braen Stone of Sparta	7:05 AM
97	6/4/2024	Jencar	NJ	AW432C	77	550694	Southern	1.5" Stone	22.3	Braen Stone of Sparta	7:10 AM
98	6/4/2024	Jencar	NJ	AX913D	60	550699	Southern	1.5" Stone	22.86	Braen Stone of Sparta	7:15 AM
99	6/4/2024	HMA	NJ	AY521A	3	550660	Southern	1.5" Stone	22.32	Braen Stone of Sparta	7:20 AM
100	6/4/2024	JGM	NJ	AW890H	3273	550640	Southern	1.5" Stone	22.4	Braen Stone of Sparta	7:25 AM
101	6/4/2024	Jencar	NJ	AX780C	62	550646	Southern	1.5" Stone	22.55	Braen Stone of Sparta	7:30 AM
102	6/4/2024	JGM	NJ	AY594T	3275	550641	Southern	1.5" Stone	22.63	Braen Stone of Sparta	7:35 AM
103	6/4/2024	Jencar	NJ	AW847H	67	550710	Southern	1.5" Stone	22.91	Braen Stone of Sparta	7:40 AM
104	6/4/2024	Jencar	NJ	AS416T	64	550756	Southern	1.5" Stone	22.93	Braen Stone of Sparta	7:45 AM
105	6/5/2024	JGM	NJ	AY667L	3263	550996	Northern	1.5" Stone	22.33	Braen Stone of Sparta	7:00 AM
106	6/5/2024	Jencar	NJ	AS450Y	69	551081	Northern	1.5" Stone	23.48	Braen Stone of Sparta	7:05 AM
107	6/5/2024	JGM	NJ	AY593T	3274	550998	Northern	1.5" Stone	22.36	Braen Stone of Sparta	7:10 AM
108	6/5/2024	Jencar	NJ	AS416T	64	550929	Northern	1.5" Stone	22.61	Braen Stone of Sparta	7:15 AM
109	6/5/2024	America First Transport	NJ	AX601K	1	551029	Northern	1.5" Stone	22.27	Braen Stone of Sparta	7:20 AM
110	6/7/2024	Jencar	NJ	AU854R	76	551806	Northern	1.5" Stone	23.61	Braen Stone of Sparta	7:00 AM
111	6/7/2024	Jencar	NJ	AX780C	62	551807	Northern	1.5" Stone	22.78	Braen Stone of Sparta	7:05 AM
112	6/12/2024	Lucas	NJ	AU440S	3	552740	Northern	1.5" Stone	22.48	Braen Stone of Sparta	7:00 AM
113	6/12/2024	Lucas	NJ	AW216E	5	552742	Northern	1.5" Stone	23.01	Braen Stone of Sparta	7:05 AM
114	6/13/2024	Jencar	NJ	AW432C	77	553182	Southern	1.5" Stone	22.24	Braen Stone of Sparta	7:00 AM
115	6/14/2024	JGM	NJ	AT237X	3266	553382	Southern	1.5" Stone	22.54	Braen Stone of Sparta	7:00 AM
116	7/1/2024	Lucas	NJ	AW216E	5	556985	Western	1.5" Stone	22.9	Braen Stone of Sparta	7:00 AM

Table 6
Final Engineering Report
Imported Materials Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	TRUCKING COMPANY	TRUCK LICENSE PLATE STATE	TRUCK LICENSE PLATE NUMBER	TRUCK No.	TICKET NUMBER	STAGING AREA	MATERIAL TYPE	MATERIAL WEIGHT (tons)	IMPORT FACILITY	TIME
117	7/3/2024	Jencar	NJ	AX913D	60	557879	Central	1.5" Stone	22.98	Braen Stone of Sparta	7:00 AM
118	7/3/2024	Jencar	NJ	AW432C	77	557841	Central	1.5" Stone	23.43	Braen Stone of Sparta	7:05 AM
119	7/3/2024	Jencar	NJ	AW847H	67	557844	Central	1.5" Stone	23.43	Braen Stone of Sparta	7:10 AM
120	7/3/2024	Jencar	NJ	AX724C	68	557817	Central	1.5" Stone	22.7	Braen Stone of Sparta	7:15 AM
121	7/18/2024	Cabrera	NJ	AU692P	3	560833	Southern	DGA	22.04	Braen Stone of Sparta	7:00 AM
122	7/18/2024	Jencar	NJ	AW847H	67	560739	Southern	DGA	22.92	Braen Stone of Sparta	7:05 AM
123	7/18/2024	DSM	NJ	AT898W	9	560782	Southern	DGA	22.69	Braen Stone of Sparta	7:10 AM
124	7/18/2024	Pipos	NJ	AY847K	8	560856	Southern	DGA	22.7	Braen Stone of Sparta	7:15 AM
125	7/18/2024	Cabrera	NJ	AY495T	13	560776	Southern	DGA	22.75	Braen Stone of Sparta	7:20 AM
126	7/18/2024	Cabrera	NJ	AY792A	20	560778	Southern	DGA	21.8	Braen Stone of Sparta	7:25 AM
127	7/18/2024	Jencar	NJ	AW432C	77	560784	Southern	DGA	22.56	Braen Stone of Sparta	7:30 AM
128	7/18/2024	AMD	NJ	AZ689D	2	560689	Southern	DGA	22.66	Braen Stone of Sparta	7:35 AM
129	7/19/2024	AAJM	NJ	AX378P	9	561223	Southern	DGA	23.05	Braen Stone of Sparta	7:00 AM
130	7/19/2024	AAJM	NJ	AY447R	12	561226	Southern	DGA	22.93	Braen Stone of Sparta	7:05 AM
131	7/19/2024	AAJM	NJ	AY976M	11	561228	Southern	DGA	23.02	Braen Stone of Sparta	7:10 AM
132	7/19/2024	AMD	NJ	AZ689D	2	561092	Southern	DGA	22.67	Braen Stone of Sparta	7:15 AM
133	7/19/2024	AAJM	NJ	AY511B	3	561130	Southern	DGA	23.35	Braen Stone of Sparta	7:20 AM
134	7/19/2024	DSM	NJ	AY694F	4	561021	Southern	DGA	22.5	Braen Stone of Sparta	7:25 AM
135	7/19/2024	DSM	NJ	AY503H	1027	561015	Southern	DGA	22.01	Braen Stone of Sparta	7:30 AM
136	7/19/2024	Lucas	NJ	AW217E	4	561081	Southern	DGA	22.91	Braen Stone of Sparta	7:35 AM
137	7/19/2024	G Gomez	NJ	AW799P	2	561112	Southern	DGA	23.27	Braen Stone of Sparta	7:40 AM
138	7/19/2024	Lucas	NJ	AW725D	2	561068	Southern	DGA	22.79	Braen Stone of Sparta	7:45 AM
139	7/19/2024	HMA	NJ	AW837S	1	561131	Southern	DGA	23.12	Braen Stone of Sparta	7:50 AM
140	7/19/2024	Jencar	NJ	AW423C	77	561111	Southern	DGA	22.74	Braen Stone of Sparta	7:55 AM
141	7/19/2024	Jencar	NJ	AW847H	67	561104	Southern	DGA	23.54	Braen Stone of Sparta	8:00 AM
142	7/19/2024	Lucas	NJ	AU440S	3	561123	Southern	DGA	23.19	Braen Stone of Sparta	8:05 AM
143	7/19/2024	AAJM	NJ	AX916L	6	561113	Southern	DGA	23.1	Braen Stone of Sparta	8:10 AM
144	7/19/2024	HMA	NJ	AU610S	11	561103	Southern	DGA	23.16	Braen Stone of Sparta	8:15 AM
145	7/24/2024	DSM	NJ	AT532K	15	561938	Southern	1.5" Stone	23.19	Braen Stone of Sparta	7:00 AM
146	7/24/2024	DSM	NJ	AY347F	6	561937	Southern	1.5" Stone	23.3	Braen Stone of Sparta	7:05 AM
147	7/24/2024	Jencar	NJ	AX781C	71	562043	Southern	1.5" Stone	22.83	Braen Stone of Sparta	7:10 AM
148	7/24/2024	Jencar	NJ	AX913D	60	562044	Southern	1.5" Stone	23.37	Braen Stone of Sparta	7:15 AM
149	7/24/2024	Jencar	NJ	AW847H	67	562046	Southern	1.5" Stone	23.37	Braen Stone of Sparta	7:20 AM
150	7/25/2024	AMD	NJ	AZ689D	2	562195	Southwestern	1.5" Stone	23.33	Braen Stone of Sparta	7:00 AM
151	7/25/2024	Jencar	NJ	AU854R	76	562257	Southwestern	1.5" Stone	22.74	Braen Stone of Sparta	7:05 AM
152	8/2/2024	Jencar	NJ	AX913D	60	563980	Southwestern	1.5" Stone	25.33	Braen Stone of Sparta	2:39 AM
153	8/6/2024	Jencar	NJ	AX724C	68	564673	Central	1.5" Stone	25.39	Braen Stone of Sparta	10:15 AM
154	8/6/2024	Jencar	NJ	AW847H	67	564693	Central	1.5" Stone	25.59	Braen Stone of Sparta	11:27 AM
155	8/6/2024	HMA	NJ	AW837S	1	564572	Central	1.5" Stone	25.28	Braen Stone of Sparta	6:09 PM
156	8/6/2024	HMA	NJ	AU610S	11	564545	Central	1.5" Stone	25.81	Braen Stone of Sparta	4:20 PM
157	8/9/2024	Jencar	NJ	AX780C	62	565396	Western	DGA	25.55	Braen Stone of Sparta	8:18 AM
158	8/9/2024	AMD	NJ	AZ689D	2	565375	Western	DGA	25.21	Braen Stone of Sparta	5:04 AM
159	8/9/2024	Jencar	NJ	AX913D	60	565376	Western	DGA	25.61	Braen Stone of Sparta	5:05 AM
160	8/9/2024	Jencar	NJ	AX781C	71	565362	Western	DGA	25.71	Braen Stone of Sparta	3:50 AM
161	8/9/2024	Jencar	NJ	AS416T	64	565374	Western	DGA	25.95	Braen Stone of Sparta	4:26 AM
162	8/9/2024	Jencar	NJ	AX724C	68	565359	Western	DGA	25.3	Braen Stone of Sparta	3:32 AM
163	8/9/2024	Jencar	NJ	AS450Y	69	565390	Western	DGA	25.17	Braen Stone of Sparta	7:00 AM
164	8/9/2024	Jencar	NJ	AW847H	67	565397	Western	DGA	25.66	Braen Stone of Sparta	8:49 AM
165	8/9/2024	Jencar	NJ	AU854R	76	565391	Western	DGA	25.54	Braen Stone of Sparta	7:52 AM
166	8/9/2024	Jencar	NJ	AX732C	66	565394	Western	DGA	25.05	Braen Stone of Sparta	8:14 AM
167	8/12/2024	JGM	NJ	AY594T	3275	565483	Western	1.5" Stone	24.51	Braen Stone of Sparta	3:56 PM
168	8/12/2024	JGM	NJ	AY667L	3263	565534	Western	1.5" Stone	25.28	Braen Stone of Sparta	10:42 AM

Table 6
Final Engineering Report
Imported Materials Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	TRUCKING COMPANY	TRUCK LICENSE PLATE STATE	TRUCK LICENSE PLATE NUMBER	TRUCK No.	TICKET NUMBER	STAGING AREA	MATERIAL TYPE	MATERIAL WEIGHT (tons)	IMPORT FACILITY	TIME
169	8/15/2024	Jencar	NJ	AX780C	62	566279	Western	DGA	25.01	Braen Stone of Sparta	2:54 PM
170	8/15/2024	Lucas	NJ	AU440S	3	566266	Western	DGA	25.06	Braen Stone of Sparta	2:26 PM
171	8/15/2024	Lucas	NJ	AW725D	2	566264	Western	DGA	25.05	Braen Stone of Sparta	2:22 PM
172	8/15/2024	Cabrera	NJ	AY856K	777	566331	Western	DGA	25.3	Braen Stone of Sparta	4:17 PM
173	8/15/2024	Cabrera	NJ	AU514L	8	566431	Western	DGA	25.38	Braen Stone of Sparta	3:44 AM
174	8/15/2024	Jencar	NJ	AX913D	60	566392	Western	DGA	24.86	Braen Stone of Sparta	6:05 PM
175	8/15/2024	AMD	NJ	AZ689D	2	566285	Western	DGA	25.16	Braen Stone of Sparta	3:06 PM
176	8/15/2024	Lucas	NJ	AW216E	5	566306	Western	DGA	24.83	Braen Stone of Sparta	3:38 PM
177	8/15/2024	Lucas	NJ	AW217E	4	566277	Western	DGA	24.79	Braen Stone of Sparta	2:50 PM
178	8/15/2024	Cabrera	NJ	AY183C	2	566333	Western	DGA	25.09	Braen Stone of Sparta	4:20 PM
179	8/19/2024	Jencar	NJ	AX913D	60	567035	Western	0.75" Stone	25.12	Braen Stone of Sparta	4:53 PM
180	8/19/2024	AMD	NJ	AZ689D	2	567012	Western	0.75" Stone	25.2	Braen Stone of Sparta	4:02 PM
181	8/19/2024	Jencar	NJ	AS450Y	69	567062	Western	0.75" Stone	24.61	Braen Stone of Sparta	6:25 PM
182	8/27/2024	JRE	NJ	AY791A	12	568889	Western	DGA	25.2	Braen Stone of Sparta	6:02 PM
183	8/27/2024	Jencar	NJ	AS416T	64	569011	Western	DGA	24.81	Braen Stone of Sparta	10:59 AM
184	8/27/2024	CF Brothers	NJ	AZ982E	18	568882	Western	DGA	25.42	Braen Stone of Sparta	5:39 PM
185	8/27/2024	SENI	NJ	AY689J	4	568881	Western	DGA	24.94	Braen Stone of Sparta	5:38 PM
186	8/27/2024	Cabrera	NJ	AY856K	777	568926	Western	DGA	24.85	Braen Stone of Sparta	4:04 AM
187	8/30/2024	AMD	NJ	AZ689D	2	569362	Western	0.75" Stone	25.44	Braen Stone of Sparta	3:32 PM
188	8/30/2024	Jencar	NJ	AX913D	60	569375	Western	0.75" Stone	24.83	Braen Stone of Sparta	4:27 PM
189	8/30/2024	Jencar	NJ	AU854R	76	569526	Western	DGA	25.71	Braen Stone of Sparta	11:44 AM
190	8/30/2024	Jencar	NJ	AX781C	71	569419	Western	DGA	25.62	Braen Stone of Sparta	2:47 AM
191	8/30/2024	Jencar	NJ	AX7230D	66	569369	Western	DGA	25.11	Braen Stone of Sparta	4:07 PM
192	8/30/2024	Lucas	NJ	AW725D	2	569344	Western	DGA	25.72	Braen Stone of Sparta	2:27 PM
193	8/30/2024	Lucas	NJ	AU440S	3	569342	Western	DGA	25.48	Braen Stone of Sparta	2:25 PM
194	8/30/2024	SENI	NJ	AY825A	2	569393	Western	DGA	25.13	Braen Stone of Sparta	5:10 PM
195	8/30/2024	Lucas	NJ	AW216E	5	569367	Western	DGA	25.3	Braen Stone of Sparta	3:47 PM
196	8/30/2024	Jencar	NJ	AX780C	62	569351	Western	DGA	25.8	Braen Stone of Sparta	2:58 PM
197	8/30/2024	Jencar	NJ	AW847H	67	569521	Western	DGA	25.6	Braen Stone of Sparta	11:12 AM
198	8/30/2024	Jencar	NJ	AS416T	64	569519	Western	DGA	25.73	Braen Stone of Sparta	11:09 AM
199	9/3/2024	AMD	NJ	AZ689D	2	569578	Eastern	1.5" Stone	25.69	Braen Stone of Sparta	3:02 PM
200	9/3/2024	Jencar	NJ	AX781C	70	569626	Eastern	1.5" Stone	25.13	Braen Stone of Sparta	4:32 PM
201	9/3/2024	JGM	NJ	AY594T	3275	569655	Eastern	1.5" Stone	24.86	Braen Stone of Sparta	6:00 AM
202	9/3/2024	Lucas	NJ	AW216E	5	569654	Eastern	1.5" Stone	25.22	Braen Stone of Sparta	5:58 AM
203	9/3/2024	Jencar	NJ	AU854R	76	569709	Eastern	1.5" Stone	25.49	Braen Stone of Sparta	8:32 AM
204	9/3/2024	Jencar	NJ	AW847H	67	569708	Eastern	1.5" Stone	25.36	Braen Stone of Sparta	3:31 AM
205	9/4/2024	Jencar	NJ	AX913D	60	570028	Central	DGA	24.93	Braen Stone of Sparta	10:42 AM
206	9/4/2024	Jencar	NJ	AS450Y	69	570027	Central	DGA	25.21	Braen Stone of Sparta	10:33 AM
207	9/4/2024	AMD	NJ	AZ689D	2	570007	Central	DGA	25.35	Braen Stone of Sparta	8:28 AM
208	9/4/2024	Lucas	NJ	AW216E	5	569834	Central	DGA	25.42	Braen Stone of Sparta	3:07 PM
209	9/4/2024	JGM	NJ	AT720C	3267	569832	Central	DGA	25.2	Braen Stone of Sparta	3:00 PM
210	9/4/2024	CF Brothers	NJ	AW132B	14	569857	Central	DGA	24.92	Braen Stone of Sparta	3:47 PM
211	9/4/2024	CF Brothers	NJ	AS574P	11	569856	Central	DGA	24.99	Braen Stone of Sparta	3:46 PM
212	9/4/2024	SENI	NJ	AZ740D	6	569864	Central	DGA	23.98	Braen Stone of Sparta	4:03 PM
213	9/4/2024	Jencar	NJ	AS450Y	69	569882	Central	DGA	25.02	Braen Stone of Sparta	5:00 PM
214	9/4/2024	SENI	NJ	AY689J	4	569827	Central	DGA	24.81	Braen Stone of Sparta	2:51 PM
215	9/4/2024	Jencar	NJ	AU854R	76	570025	Central	DGA	24.94	Braen Stone of Sparta	10:31 AM
216	9/4/2024	JGM	NJ	AY594T	3275	569815	Central	DGA	24.85	Braen Stone of Sparta	2:25 PM
217	9/4/2024	Jencar	NJ	AX913D	60	569891	Central	DGA	24.6	Braen Stone of Sparta	5:42 PM
218	9/4/2024	Jencar	NJ	AU854R	76	569961	Central	DGA	24.67	Braen Stone of Sparta	5:31 AM
219	9/4/2024	CF Brothers	NJ	AZ982E	18	569829	Central	DGA	24.61	Braen Stone of Sparta	2:54 PM
220	9/5/2024	Jencar	NJ	AU854R	76	570319	Central	DGA	25.45	Braen Stone of Sparta	10:09 AM
221	9/5/2024	Lucas	NJ	AW725D	2	570081	Central	DGA	25.51	Braen Stone of Sparta	2:40 PM
222	9/5/2024	JGM	NJ	AY667L	3268	570172	Central	DGA	25.34	Braen Stone of Sparta	6:13 PM
223	9/5/2024	Jencar	NJ	AX781C	71	570223	Central	DGA	25.82	Braen Stone of Sparta	3:48 AM
224	9/5/2024	NINDS	NJ	AX564M	2	570194	Central	DGA	25	Braen Stone of Sparta	8:55 PM
225	9/5/2024	Lucas	NJ	AW217E	4	570111	Central	DGA	25.57	Braen Stone of Sparta	3:54 PM
226	9/5/2024	Lucas	NJ	AW216E	5	570091	Central	DGA	25.14	Braen Stone of Sparta	3:09 PM
227	9/5/2024	Jencar	NJ	AU854R	76	570243	Central	DGA	25.23	Braen Stone of Sparta	4:28 AM
228	9/5/2024	Jencar	NJ	AX913D	60	570270	Central	DGA	25.25	Braen Stone of Sparta	6:30 AM
229	9/5/2024	AMD	NJ	AZ689D	2	570323	Central	DGA	25.19	Braen Stone of Sparta	10:29 AM

Table 6
Final Engineering Report
Imported Materials Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	TRUCKING COMPANY	TRUCK LICENSE PLATE STATE	TRUCK LICENSE PLATE NUMBER	TRUCK No.	TICKET NUMBER	STAGING AREA	MATERIAL TYPE	MATERIAL WEIGHT (tons)	IMPORT FACILITY	TIME
230	9/6/2024	D&A	NJ	AS462U	11	1001048532	Western	Sand	18	EROC	5:27 AM
231	9/6/2024	D&A	NJ	AW559L	7	1001048531	Western	Sand	18	EROC	5:26 AM
232	9/9/2024	D&A	NJ	AW559L	7	1001161945	Western	Sand	18	EROC	5:50 AM
233	9/9/2024	D&A	NJ	AS462U	11	1001161939	Western	Sand	18	EROC	5:10 AM
234	9/9/2024	D&A	NJ	AS461U	10	1001161936	Western	Sand	18	EROC	5:04 AM
235	9/9/2024	D&A	NJ	AWH57D	12	1001161935	Western	Sand	18	EROC	5:03 AM
236	9/11/2024	JGM	NJ	AY594T	3275	571254	Eastern	0.75" Stone	24.75	Braen Stone of Sparta	3:54 PM
237	9/11/2024	Jencar	NJ	AS450Y	69	571462	Central	DGA	25.3	Braen Stone of Sparta	12:09 PM
238	9/11/2024	HWM	NJ	AY521A	3	571307	Central	DGA	24.42	Braen Stone of Sparta	6:11 PM
239	9/11/2024	Jencar	NJ	AS450Y	69	571298	Central	DGA	25.44	Braen Stone of Sparta	5:48 PM
240	9/11/2024	HWM	NJ	AW837S	1	571306	Central	DGA	25.65	Braen Stone of Sparta	6:10 PM
241	9/12/2024	Lucas	NJ	AW217E	4	571532	Central	DGA	24.94	Braen Stone of Sparta	3:19 PM
242	9/12/2024	CF Brothers	NJ	AS574P	11	571573	Central	DGA	25.57	Braen Stone of Sparta	4:44 PM
243	9/12/2024	Lucas	NJ	AW725D	2	571528	Central	DGA	25.28	Braen Stone of Sparta	3:10 PM
244	9/12/2024	Lucas	NJ	AU440S	3	571526	Central	DGA	25.04	Braen Stone of Sparta	3:08 PM
245	9/12/2024	SENI	NJ	AY689J	4	571611	Central	DGA	24.25	Braen Stone of Sparta	6:31 PM
246	9/12/2024	SENI	NJ	AY810G	3	517590	Central	DGA	24.66	Braen Stone of Sparta	5:20 PM
247	9/12/2024	SENI	NJ	AY117M	5	517583	Central	DGA	23.86	Braen Stone of Sparta	5:05 PM
248	9/12/2024	SENI	NJ	AY825A	2	571561	Central	DGA	25.28	Braen Stone of Sparta	4:22 PM
249	9/12/2024	SENI	NJ	AZ740D	6	571576	Central	DGA	24.99	Braen Stone of Sparta	4:48 PM
250	9/13/2024	AMD	NJ	AZ689D	2	572078	Central	DGA	25.16	Braen Stone of Sparta	2:43 PM
251	9/13/2024	JENCAR	NJ	AX913D	60	572107	Central	DGA	24.83	Braen Stone of Sparta	3:58 PM
252	9/13/2024	H&M	NJ	AW943A	76	572114	Central	DGA	25.75	Braen Stone of Sparta	4:13 PM
253	9/13/2024	JENCAR	NJ	AS450Y	69	572117	Central	DGA	25.13	Braen Stone of Sparta	4:19 PM
254	9/13/2024	JENCAR	NJ	AW847H	67	572127	Central	DGA	25.12	Braen Stone of Sparta	4:40 PM
255	9/13/2024	H&M	NJ	AW632L	75	572137	Central	DGA	24.89	Braen Stone of Sparta	5:35 PM
256	9/16/2024	AMD	NJ	AZ689D	2	572429	Central	DGA	25.04	Braen Stone of Sparta	3:22 PM
257	9/16/2024	LUCAS	NJ	AW725D	2	572430	Central	DGA	24.89	Braen Stone of Sparta	3:24 PM
258	9/16/2024	LUCAS	NJ	AW217E	4	572431	Central	DGA	25.27	Braen Stone of Sparta	3:24 PM
259	9/16/2024	LUCAS	NJ	AU440S	3	572438	Central	DGA	25.03	Braen Stone of Sparta	3:36 PM
260	9/16/2024	LUCAS	NJ	AW216E	5	572497	Central	DGA	25.01	Braen Stone of Sparta	5:41 PM
261	9/16/2024	FOB	NJ	AW847H		572505	Central	0.75" Stone	25.81	Braen Stone of Sparta	6:08 PM
262	9/16/2024	SASHA KEE EXPRESS	NJ	AY949W	1	572516	Central	DGA	25.27	Braen Stone of Sparta	6:48 PM
263	9/16/2024	FOB	NJ	AS450Y		572525	Central	0.75" Stone	25.19	Braen Stone of Sparta	7:09 PM
264	9/17/2024	FOB	NJ	AS450Y		3003087	Central	0.75" Stone	25.97	Braen Stone of Sparta	5:01 AM
265	9/17/2024	FOB	NJ	AW847H		3003093	Central	0.75" Stone	25.57	Braen Stone of Sparta	5:20 AM
266	9/18/2024	JENCAR	NJ	AU854R	76	3003172	Central	0.75" Stone	24.92	Braen Stone of Sparta	4:40 AM
267	9/23/2024	JGM	NJ	AY452X	3265	3004467	Central	0.75" Stone	25.32	Braen Stone of Sparta	4:17 PM
268	10/2/2024	JENCAR	NJ	AX724C	68	3006436	Central	0.75" Stone	25.62	Braen Stone of Sparta	9:58 AM
269	10/2/2024	JENCAR	NJ	AU854R	76	3006442	Central	0.75" Stone	26.22	Braen Stone of Sparta	10:18 AM
270	10/4/2024	JENCAR	NJ	AY279K	65	3007026	Central	0.75" Stone	25.65	Braen Stone of Sparta	9:09 AM
271	10/8/2024	LUCAS	NJ	AW216E		3007941	Southeastern	1.5" Stone	25.30	Braen Stone of Sparta	2:02 PM
272	10/8/2024	LUCAS	NJ	AZ728F		3007942	Southeastern	1.5" Stone	25.32	Braen Stone of Sparta	2:05 PM
273	10/8/2024	LUCAS	NJ	AW217E		3007947	Southeastern	1.5" Stone	25.48	Braen Stone of Sparta	2:31 PM
274	10/8/2024	HMA	NJ	AY521A	3	3007956	Southeastern	1.5" Stone	24.92	Braen Stone of Sparta	2:48 PM
275	10/8/2024	LUCAS	NJ	AW725D		3007961	Southeastern	1.5" Stone	25.88	Braen Stone of Sparta	3:16 PM
276	10/8/2024	AMD	NJ	AZ689D		3007980	Southeastern	1.5" Stone	25.38	Braen Stone of Sparta	3:51 PM
277	10/8/2024	LUCAS	NJ	AZ727F		3008003	Southeastern	1.5" Stone	25.79	Braen Stone of Sparta	4:33 PM
278	10/8/2024	JGM	NJ	AY594T		3008027	Southeastern	1.5" Stone	24.90	Braen Stone of Sparta	5:02 PM
279	10/8/2024	FOB	NJ	AX723C		3008029	Southeastern	1.5" Stone	25.25	Braen Stone of Sparta	5:04 PM
280	10/9/2024	FOB	NJ	AU610S		3008082	Southeastern	1.5" Stone	25.81	Braen Stone of Sparta	2:53 AM
281	10/9/2024	FOB	NJ	AU854R		3008123	Southeastern	1.5" Stone	25.34	Braen Stone of Sparta	5:51 AM
282	10/9/2024	FOB	NJ	AX913D		3008124	Southeastern	1.5" Stone	25.64	Braen Stone of Sparta	5:52 AM
283	10/9/2024	JENCAR	NJ	AS450Y	69	3008237	Utility Field	0.75" Stone	26.08	Braen Stone of Sparta	12:00 PM
284	10/9/2024	AMD	NJ	AZ689D	2	3008310	Utility Field	0.75" Stone	25.16	Braen Stone of Sparta	2:10 PM
285	10/10/2024	JENCAR	NJ	AW847H	67	3008466	Utility Field	0.75" Stone	25.76	Braen Stone of Sparta	3:23 AM
286	10/10/2024	AMD	NJ	AZ689D	2	3008676	Utility Field	0.75" Stone	25.77	Braen Stone of Sparta	2:14 PM
287	10/10/2024	HMA	NJ	AL610S	11	3008734	Utility Field	0.75" Stone	25.23	Braen Stone of Sparta	4:11 PM
288	10/10/2024	HMA TRUCKING	NJ	AW837S		3008745	Utility Field	0.75" Stone	25.94	Braen Stone of Sparta	4:39 PM
289	10/10/2024	JGM	NJ	AZ135G	3267	3008781	Utility Field	0.75" Stone	25.36	Braen Stone of Sparta	6:31 PM

Table 6
Final Engineering Report
Imported Materials Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	TRUCKING COMPANY	TRUCK LICENSE PLATE STATE	TRUCK LICENSE PLATE NUMBER	TRUCK No.	TICKET NUMBER	STAGING AREA	MATERIAL TYPE	MATERIAL WEIGHT (tons)	IMPORT FACILITY	TIME
290	10/11/2024	JENCAR	NJ	AX913D	60	3009084	Utility Field	0.75" Stone	24.92	Braen Stone of Sparta	4:29 PM
291	10/11/2024	AMD	NJ	AZ689D	2	3009113	Utility Field	0.75" Stone	24.79	Braen Stone of Sparta	6:31 PM
292	10/11/2024	JENCAR	NJ	AS450Y	69	3009117	Utility Field	0.75" Stone	25.27	Braen Stone of Sparta	7:04 PM
293	10/14/2024	JENCAR	NJ	AS450Y	69	3009512	Utility Field	0.75" Stone	25.78	Braen Stone of Sparta	5:04 PM
294	10/14/2024	AMD	NJ	AZ689D	2	3009532	Utility Field	0.75" Stone	24.88	Braen Stone of Sparta	7:14 PM
295	10/16/2024	LUCAS	NJ	AZ727F		3009961	Southern	1.5" Stone	25.13	Braen Stone of Sparta	2:43 PM
296	10/16/2024	LUCAS	NJ	AW217E		3009969	Southern	1.5" Stone	25.53	Braen Stone of Sparta	3:00 PM
297	10/16/2024	AMD	NJ	AZ689D		3009983	Central	DGA	25.68	Braen Stone of Sparta	3:33 PM
298	10/17/2024	JENCAR	NJ	AX724C	68	3010050	Central	DGA	25.85	Braen Stone of Sparta	3:28 AM
299	10/17/2024	JENCAR	NJ	AS450Y	69	3010121	Central	DGA	25.54	Braen Stone of Sparta	6:53 AM
300	10/17/2024	JENCAR	NJ	AW847H	67	3010132	Central	DGA	24.31	Braen Stone of Sparta	8:05 AM
301	10/17/2024	AMD	NJ	AZ689D	2	3010160	Central	DGA	24.97	Braen Stone of Sparta	11:01 AM
302	10/18/2024	Lucas	NJ	AW217E	4	3010194	Utility Field, Northwestern	0.75" Stone	23.42	Braen Stone of Sparta	7:50 AM
303	10/18/2024	Lucas	NJ	AZ727F	1	3010195	Utility Field, Northwestern	0.75" Stone	23.24	Braen Stone of Sparta	8:00 AM
304	10/18/2024	CF Bros	NJ	AT995T	13	3010196	Utility Field, Northwestern	0.75" Stone	23.16	Braen Stone of Sparta	7:45 AM
305	10/18/2024	Lucas	NJ	AW216E	5	3010205	Utility Field, Northwestern	0.75" Stone	23.14	Braen Stone of Sparta	7:25 AM
306	10/18/2024	CF Bros	NJ	AW777M	15	3010207	Utility Field, Northwestern	0.75" Stone	22.74	Braen Stone of Sparta	7:35 AM
307	10/18/2024	Lucas	NJ	AZ728F	2	3010209	Utility Field, Northwestern	0.75" Stone	23.18	Braen Stone of Sparta	7:20 AM
308	10/18/2024	GQ Express	NJ	AZ988E	42	3010210	Utility Field, Northwestern	0.75" Stone	23.23	Braen Stone of Sparta	7:00 AM
309	10/18/2024	CF Bros	NJ	AY672N	17	3010228	Utility Field, Northwestern	0.75" Stone	23.24	Braen Stone of Sparta	7:30 AM
310	10/18/2024	CF Bros	NJ	AZ982E	18	3010229	Utility Field, Northwestern	0.75" Stone	23.07	Braen Stone of Sparta	7:40 AM
311	10/18/2024	JGM Trucking	NJ	AW890H	3273	3010247	Utility Field, Northwestern	0.75" Stone	23.09	Braen Stone of Sparta	7:10 AM
312	10/18/2024	Seni	NJ	AY810G	3	3010248	Utility Field, Northwestern	0.75" Stone	23.07	Braen Stone of Sparta	7:55 AM
313	10/18/2024	HMA	NJ	AW837S	1	3010266	Utility Field, Northwestern	0.75" Stone	22.86	Braen Stone of Sparta	8:25 AM
314	10/18/2024	HMA	NJ	AU610S	11	3010271	Utility Field, Northwestern	0.75" Stone	23.22	Braen Stone of Sparta	7:05 AM
315	10/18/2024	Jencar	NJ	AX724C	68	3010343	Utility Field, Northwestern	0.75" Stone	22.92	Braen Stone of Sparta	7:15 AM
316	10/18/2024	Lucas	NJ	AW725D	2	3010353	Utility Field, Northwestern	0.75" Stone	22.39	Braen Stone of Sparta	8:05 AM
317	10/18/2024	AMD	NJ	AZ689D	2	3010374	Utility Field, Northwestern	0.75" Stone	23.42	Braen Stone of Sparta	8:10 AM
318	10/18/2024	Jencar	NJ	AS450Y	69	3010394	Utility Field, Northwestern	0.75" Stone	23.38	Braen Stone of Sparta	8:15 AM
319	10/18/2024	Jencar	NJ	AY279K	65	3010408	Utility Field, Northwestern	0.75" Stone	23.07	Braen Stone of Sparta	8:20 AM
320	10/18/2024	JENCAR	NJ	AX913D	60	3010413	Utility Field, Northwestern	0.75" Stone	24.73	Braen Stone of Sparta	10:00 AM
321	10/21/2024	LUCAS	NJ	AW216E	5	3010723	Utility Field, Northwestern	0.75" Stone	25.26	Braen Stone of Sparta	12:13 PM
322	10/21/2024	LUCAS	NJ	AZ728F	2	3010756	Utility Field, Northwestern	0.75" Stone	25.23	Braen Stone of Sparta	1:58 PM
323	10/21/2024	LUCAS	NJ	AZ727F	1	3010762	Utility Field, Northwestern	0.75" Stone	25.14	Braen Stone of Sparta	2:07 PM
324	10/21/2024	JENCAR	NJ		66	3010785	Southern	DGA	24.84	Braen Stone of Sparta	2:50 PM
325	10/21/2024	JENCAR	NJ		69	3010860	Southern	DGA	25.69	Braen Stone of Sparta	6:41 PM
326	10/22/2024	LUCAS	NJ	AW725D	2	3010931	Utility Field, Northwestern	0.75" Stone	25.28	Braen Stone of Sparta	4:07 AM
327	10/22/2024	LUCAS	NJ	AW217E	4	3010935	Utility Field, Northwestern	0.75" Stone	25.07	Braen Stone of Sparta	4:23 AM
328	10/22/2024	JENCAR	NJ		60	3010940	Southern	DGA	25.68	Braen Stone of Sparta	4:34 AM
329	10/22/2024	CF BROS	NJ		16	3010942	Southern	DGA	24.87	Braen Stone of Sparta	4:43 AM
330	10/22/2024	SENI	NJ		2	3010945	Southern	DGA	25.52	Braen Stone of Sparta	4:50 AM
331	10/22/2024	JENCAR	NJ	AX913D	60	3011167	Utility Field, Northwestern	0.75" Stone	25.69	Braen Stone of Sparta	4:48 PM
332	10/22/2024	LUCAS	NJ		1	3011191	Utility Field, Northwestern	0.75" Stone	24.6	Braen Stone of Sparta	5:43 PM
333	10/22/2024	JENCAR	NJ	AS450Y	69	3011207	Utility Field, Northwestern	0.75" Stone	24.89	Braen Stone of Sparta	6:59 PM
334	10/23/2024	JENCAR	NJ		68	3011231	Southern	0.75" Stone	24.98	Braen Stone of Sparta	3:41 AM
335	10/23/2024	JENCAR	NJ	AX723C	66	3011243	Southern	0.75" Stone	25.07	Braen Stone of Sparta	4:55 AM
336	10/24/2024	JENCAR	NJ	AX723C	66	3011675	Southern, construction ramp	DGA	24.46	Braen Stone of Sparta	1:18 PM
337	10/24/2024	HMA	NJ	AU610S	11	3011679	Southern, construction ramp	DGA	25.39	Braen Stone of Sparta	1:26 PM
338	10/24/2024	JENCAR	NJ	AX913D	60	3011681	Southern, construction ramp	DGA	24.95	Braen Stone of Sparta	1:49 PM
339	10/24/2024	CF BROS	NJ	AY688J	16	3011697	Southern, construction ramp	DGA	25.44	Braen Stone of Sparta	2:34 PM
340	10/24/2024	FOB	NJ	AZ728F		3011704	Southern, construction ramp	DGA	24.94	Braen Stone of Sparta	2:50pm
341	10/24/2024	FOB	NJ	AW216E		3011713	Southern, construction ramp	DGA	25.29	Braen Stone of Sparta	3:09pm
342	10/24/2024	SENI	NJ	AY825A		3011715	Southern, construction ramp	DGA	24.75	Braen Stone of Sparta	3:12 PM
343	10/24/2024	LUCAS	NJ	AZ727F		3011717	Southern, construction ramp	DGA	25.56	Braen Stone of Sparta	3:18 PM
344	10/24/2024	JENCAR	NJ	AS450Y	69	3011726	Southern, construction ramp	DGA	25.12	Braen Stone of Sparta	3:36 PM
345	10/24/2024	AMD	NJ	AZ689D		3011732	Southern, construction ramp	DGA	25.59	Braen Stone of Sparta	3:46 PM
346	10/24/2024	FOB	NJ	AW837S		3011734	Southern, construction ramp	DGA	25.93	Braen Stone of Sparta	3:56pm
347	10/24/2024	FOB	NJ	AZ639A		3011742	Southern, construction ramp	DGA	25.3	Braen Stone of Sparta	4:08pm
348	10/24/2024	GQ EXPRESS	NJ	AZ988E	42	3011744	Southern, construction ramp	DGA	26.09	Braen Stone of Sparta	4:10 AM

Table 6
Final Engineering Report
Imported Materials Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	TRUCKING COMPANY	TRUCK LICENSE PLATE STATE	TRUCK LICENSE PLATE NUMBER	TRUCK No.	TICKET NUMBER	STAGING AREA	MATERIAL TYPE	MATERIAL WEIGHT (tons)	IMPORT FACILITY	TIME
349	10/24/2024	CF BROS	NJ	AW132B	14	3011745	Southern, construction ramp	DGA	24.94	Braen Stone of Sparta	4:11 PM
350	10/24/2024	JUSTIN EXPRESS	NJ	AU762G		3011750	Southern, construction ramp	DGA	24.84	Braen Stone of Sparta	4:25 PM
351	10/24/2024	TMF	NJ	AY688S	7	3011751	Southern, construction ramp	DGA	25.04	Braen Stone of Sparta	4:25 PM
352	10/24/2024	JUSTIN EXPRESS	NJ	AU983W		3011762	Southern, construction ramp	DGA	24.68	Braen Stone of Sparta	5:02 PM
353	10/24/2024	JUSTIN EXPRESS	NJ	AW215P		3011763	Southern, construction ramp	DGA	24.64	Braen Stone of Sparta	5:04 PM
354	10/24/2024	JUSTIN EXPRESS	NJ	AZ909E		3011764	Southern, construction ramp	DGA	24.94	Braen Stone of Sparta	5:14 PM
355	10/24/2024	JUSTIN EXPRESS	NJ	AW919J	2	3011770	Southern, construction ramp	DGA	24.75	Braen Stone of Sparta	5:30 PM
356	10/25/2024	FOB	NJ	AY675X		3011790	Southern, construction ramp	DGA	25.74	Braen Stone of Sparta	1:41am
357	10/25/2024	FOB	NJ	AX724C		3011793	Southern, construction ramp	DGA	25.59	Braen Stone of Sparta	2:07am
358	10/25/2024	FOB	NJ	AS921P		3011794	Southern, construction ramp	DGA	25.62	Braen Stone of Sparta	2:09am
359	10/25/2024	WJC TRUCKING	NJ	AY762R	10	3011796	Southern, construction ramp	DGA	24.8	Braen Stone of Sparta	2:20 AM
360	10/25/2024	URIEL	NJ	AW232K		3011800	Southern, construction ramp	DGA	24.6	Braen Stone of Sparta	2:52 AM
361	10/25/2024	URIEL	NJ	AW233K		3011801	Southern, construction ramp	DGA	24.81	Braen Stone of Sparta	2:53 AM
362	10/25/2024	FOB	NJ	AW847H		3011816	Southern, construction ramp	DGA	25.75	Braen Stone of Sparta	3:50am
363	10/25/2024	LUCAS	NJ	AW725D	2	3011820	Southern, construction ramp	DGA	24.99	Braen Stone of Sparta	4:30 AM
364	10/25/2024	LUCAS	NJ	AW217E	4	3011835	Southern, construction ramp	DGA	23.98	Braen Stone of Sparta	5:30 AM
365	10/25/2024	JRE	NJ	AY791A	12	3011836	Southern, construction ramp	DGA	24.63	Braen Stone of Sparta	5:31 AM
366	10/25/2024	TMF	NJ	AY688S	7	3011950	Southern, construction ramp	DGA	25.12	Braen Stone of Sparta	2:08 PM
367	10/25/2024	GQ EXPRESS	NJ	AZ988E	42	3011952	Southern, construction ramp	DGA	25.38	Braen Stone of Sparta	2:15 PM
368	10/25/2024	LUCAS	NJ	AW216E	5	3011995	Southern, construction ramp	DGA	24.89	Braen Stone of Sparta	3:29 PM
369	10/25/2024	ADRIAN TRANSPORT	NJ	AY930M	4	3012015	Southern, construction ramp	DGA	24.39	Braen Stone of Sparta	4:04 PM
370	10/25/2024	ADRIAN TRANSPORT	NJ	AZ919H		3012017	Southern, construction ramp	DGA	25.15	Braen Stone of Sparta	4:08 PM
371	10/25/2024	LUCAS	NJ	AW725D	2	3012028	Southern, construction ramp	DGA	25.24	Braen Stone of Sparta	4:24 PM
372	10/25/2024	LUCAS	NJ	AW217E	4	3012029	Southern, construction ramp	DGA	25.21	Braen Stone of Sparta	NA
373	10/25/2024	JENCAR	NJ	AX913D	60	3012033	Southern, construction ramp	DGA	24.73	Braen Stone of Sparta	4:42 PM
374	10/25/2024	LUCAS	NJ	AZ728F	2	3012034	Southern, construction ramp	DGA	25.49	Braen Stone of Sparta	4:46 PM
375	10/25/2024	AMD	NJ	AZ689D	2	3012042	Southern, construction ramp	DGA	25.88	Braen Stone of Sparta	5:12 PM
376	10/25/2024	LUCAS	NJ	AZ727F	1	3012048	Southern, construction ramp	DGA	25.8	Braen Stone of Sparta	5:36 PM
377	10/26/2024	AIZATA	NJ	AY675X		3012067	Southern	1.5" Stone	25.33	Braen Stone of Sparta	5:34 AM
378	10/26/2024	AIZAGA	NJ	AS921P		3012095	Southern	1.5" Stone	24.72	Braen Stone of Sparta	8:40 AM
379	10/26/2024	AT	NJ	AW823D	8	3012096	Southern	1.5" Stone	25.41	Braen Stone of Sparta	8:41 AM
380	10/26/2024	WJC TRUCKING	NJ	AY762R		3012097	Southern	1.5" Stone	25.17	Braen Stone of Sparta	8:42 AM
381	10/26/2024	WJC	NJ	AZ639A	21	3012098	Southern	1.5" Stone	25.06	Braen Stone of Sparta	8:47 AM
382	10/26/2024	ADRIAN TRANSPORT	NJ	AX779T	1	3012130	Southern, construction ramp	DGA	24.43	Braen Stone of Sparta	10:54 AM
383	10/26/2024	ADRIAN TRANSPORT	NJ	AZ910E	5	3012131	Southern, construction ramp	DGA	25.23	Braen Stone of Sparta	10:55 AM
384	10/28/2024	JENCAR	NJ	AW847FL	67	3012265	Southern, construction ramp	DGA	25.72	Braen Stone of Sparta	11:18 AM
385	10/28/2024	CABRERA	NJ	AU682P	3	3012286	Southern, construction ramp	DGA	24.75	Braen Stone of Sparta	11:51 AM
386	10/28/2024	CABRERA	NJ	AY869L	1	3012287	Southern, construction ramp	DGA	25.24	Braen Stone of Sparta	11:52 AM
387	10/28/2024	CABRERA	NJ	AY495T		3012289	Southern, construction ramp	DGA	25.34	Braen Stone of Sparta	11:53 AM
388	10/28/2024	CABRERA	NJ	AY772L	10	3012309	Southern, construction ramp	DGA	25.3	Braen Stone of Sparta	12:19 PM
389	10/28/2024	CABRERA	NJ	AU514L	8	3012312	Southern, construction ramp	DGA	24.9	Braen Stone of Sparta	12:23 PM
390	10/28/2024	CABRERA	NJ	AY183C	2	3012313	Southern, construction ramp	DGA	25.3	Braen Stone of Sparta	12:23 PM
391	10/30/2024	Adrian Transport	NJ	AY930M	4	3012793	Utility Field, Northwestern	0.75" Stone	24.12	Braen Stone of Sparta	12:01 PM
392	10/30/2024	Adrian Transport	NJ	AX779T	1	3012794	Utility Field, Northwestern	0.75" Stone	23.75	Braen Stone of Sparta	12:02 PM
393	10/30/2024	Adrian Transport	NJ	AZ910E	5	3012809	Utility Field, Northwestern	0.75" Stone	23.5	Braen Stone of Sparta	11:57 AM
394	10/30/2024	Lucas	NJ	AZ728F	2	3012812	Utility Field, Northwestern	0.75" Stone	25.57	Braen Stone of Sparta	11:56 AM
395	10/30/2024	Lucas	NJ	AW217E	4	3012815	Utility Field, Northwestern	0.75" Stone	25.4	Braen Stone of Sparta	11:53 AM
396	10/30/2024	Lucas	NJ	AW216E	5	3012816	Utility Field, Northwestern	0.75" Stone	24.73	Braen Stone of Sparta	11:55 AM
397	10/30/2024	Lucas	NJ	AZ727F	1	3012841	Utility Field, Northwestern	0.75" Stone	24.32	Braen Stone of Sparta	11:53 AM
398	10/30/2024	Jencar	NJ	AS450Y	69	3012846	Utility Field, Northwestern	0.75" Stone	24.24	Braen Stone of Sparta	11:59 AM
399	10/30/2024	Cabrera	NJ	AY869L	1	3012851	Utility Field, Northwestern	0.75" Stone	24.45	Braen Stone of Sparta	12:01 PM
400	10/30/2024	Cabrera	NJ	AY772L	10	3012852	Utility Field, Northwestern	0.75" Stone	24.35	Braen Stone of Sparta	11:59 AM
401	10/30/2024	Cabrera	NJ	AU692P	03	3012855	Utility Field, Northwestern	0.75" Stone	24.26	Braen Stone of Sparta	12:00 PM
402	10/30/2024	GQ Express	NJ	AZ988E	42	3012869	Utility Field, Northwestern	0.75" Stone	25.36	Braen Stone of Sparta	11:58 AM
403	10/30/2024	Jencar	NJ	AX723C	66	3012916	Utility Field, Northwestern	0.75" Stone	25.29	Braen Stone of Sparta	11:55 AM
404	10/30/2024	Lucas	NJ	AW725D	2	3012930	Utility Field, Northwestern	0.75" Stone	25.21	Braen Stone of Sparta	11:50 AM
405	10/30/2024	Jencar	NJ	AX913D		3012944	Utility Field, Northwestern	0.75" Stone	25.32	Braen Stone of Sparta	11:52 AM

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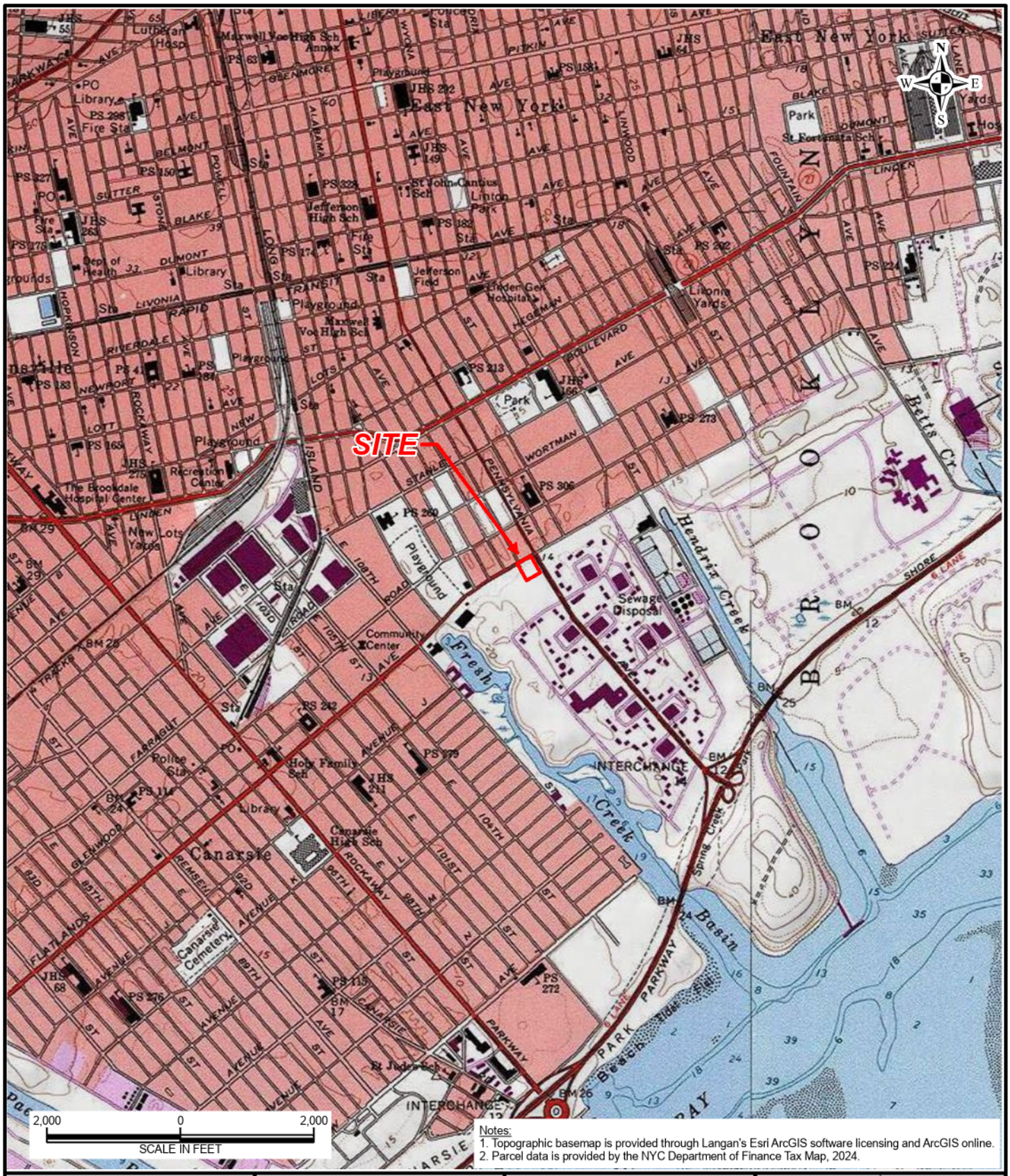
Imported Materials Log

12096 Flatlands Avenue Site
Brooklyn, New York
NYSDEC BCP Site No.: C224290
Langan Project No.: 100688801

LOAD COUNTER	DATE	TRUCKING COMPANY	TRUCK LICENSE PLATE STATE	TRUCK LICENSE PLATE NUMBER	TRUCK No.	TICKET NUMBER	STAGING AREA	MATERIAL TYPE	MATERIAL WEIGHT (tons)	IMPORT FACILITY	TIME
406	10/31/2024	CABRERA	NJ	AY183C	2	3013588	Utility Field, Northwestern	0.75" Stone	24.46	Braen Stone of Sparta	3:22 PM
407	10/31/2024	CABRERA	NJ	AU514L	8	3013591	Utility Field, Northwestern	0.75" Stone	24.36	Braen Stone of Sparta	3:25 PM
408	10/31/2024	WOGEDA	NJ	AU750G	7	3013643	Utility Field, Northwestern	0.75" Stone	25.74	Braen Stone of Sparta	5:09pm
409	10/31/2024	WOGEDA	NJ	AX845D	1	3013645	Utility Field, Northwestern	0.75" Stone	25.88	Braen Stone of Sparta	5:26pm
410	10/31/2024	CABRERA	NJ	AU692P		3013663	Utility Field, Northwestern	0.75" Stone	24.95	Braen Stone of Sparta	5:59pm
411	10/31/2024	CABRERA	NJ	AY495T		3013666	Utility Field, Northwestern	0.75" Stone	23.95	Braen Stone of Sparta	6:02pm
412	10/31/2024	CABRERA	NJ	AY869L		3013667	Utility Field, Northwestern	0.75" Stone	22.45	Braen Stone of Sparta	6:02pm
413	10/31/2024	CABRERA	NJ	AY772L		3013673	Utility Field, Northwestern	0.75" Stone	22.76	Braen Stone of Sparta	6:12pm
414	10/31/2024	S&L	NJ	AY607Y	1	3013687	Utility Field, Northwestern	0.75" Stone	23.22	Braen Stone of Sparta	6:47pm
415	10/31/2024	CABRERA	NJ	AY856K		3013726	Utility Field, Northwestern	0.75" Stone	25.16	Braen Stone of Sparta	11:59pm
416	10/31/2024	Jencar	NJ	AS450Y	69	3013208	Utility Field, Northwestern	0.75" Stone	25.6	Braen Stone of Sparta	NA
417	10/31/2024	AMD	NJ	AZ689D	2	3013301	Utility Field, Northwestern	0.75" Stone	25.14	Braen Stone of Sparta	NA
418	10/31/2024	Jencar	NJ	AX724C	68	3013320	Utility Field, Northwestern	0.75" Stone	24.4	Braen Stone of Sparta	NA
419	10/31/2024	Jencar	NJ	AW847H	67	3013344	Utility Field, Northwestern	0.75" Stone	25.32	Braen Stone of Sparta	NA
420	10/31/2024	Jencar	NJ	AX913D		3013375	Utility Field, Northwestern	0.75" Stone	25.18	Braen Stone of Sparta	NA
421	11/1/2024	AMD	NJ	AZ689D	2	3013824	Utility Field, Northwestern	0.75" Stone	25.35	Braen Stone of Sparta	6:12am
422	11/1/2024	JGM	NJ	AY667L	3263	3013826	Utility Field, Northwestern	0.75" Stone	25.48	Braen Stone of Sparta	6:14am
423	11/1/2024	JENCAR	NJ	AS450Y	69	3013838	Utility Field, Northwestern	0.75" Stone	24.9	Braen Stone of Sparta	6:51am
424	11/1/2024	FOB	NJ	AY495T		3013928	Utility Field, Northwestern	0.75" Stone	24.75	Braen Stone of Sparta	11:51 AM
425	11/1/2024	FOB	NJ	AY869L		3013929	Utility Field, Northwestern	0.75" Stone	24.87	Braen Stone of Sparta	11:54 AM
426	11/1/2024	FOB	NJ	AY607Y		3013939	Utility Field, Northwestern	0.75" Stone	24.94	Braen Stone of Sparta	12:43 PM
427	11/1/2024	CABRERA	NJ	AY856K		3013941	Utility Field, Northwestern	0.75" Stone	24.53	Braen Stone of Sparta	12:46pm
428	11/1/2024	FOB	NJ	AY772L		3013943	Utility Field, Northwestern	0.75" Stone	24.97	Braen Stone of Sparta	12:48 PM
429	11/1/2024	FOB	NJ	AU514L		3013946	Utility Field, Northwestern	0.75" Stone	25.03	Braen Stone of Sparta	12:55 PM
430	11/1/2024	JENCAR	NJ	AVV847H	67	3018792	Utility Field, Northwestern	0.75" Stone	25.75	Braen Stone of Sparta	4:23 AM
431	11/5/2024	LUCAS	NJ	AZ727F	1	3014769	Southern	0.75" Stone	25.19	Braen Stone of Sparta	2:57 PM
432	11/7/2024	LUCAS	NJ	AZ728F	2	3015281	Southern	0.75" Stone	25.58	Braen Stone of Sparta	4:49 AM
433	11/7/2024	LUCAS	NJ	AVV216E	5	3015282	Southern	0.75" Stone	25.06	Braen Stone of Sparta	4:51 AM
434	11/8/2024	LUCAS	NJ	AW216E		3015672	Southern	DGA	25.21	Braen Stone of Sparta	2:39 PM
435	11/8/2024	LUCAS	NJ	AZ728F		3015673	Southern	DGA	25.2	Braen Stone of Sparta	2:40 PM
436	11/8/2024	LUCAS	NJ	AW217E		3015682	Southern	DGA	25.82	Braen Stone of Sparta	3:08 PM
437	11/8/2024	LUCAS	NJ	AZ727F		3015684	Southern	DGA	25.39	Braen Stone of Sparta	3:16 PM
438	11/9/2024	LUCAS	NJ	AW725D		3015771	Southern	DGA	25.67	Braen Stone of Sparta	6:19 AM
439	11/12/2024	NARANJO	NJ	AY215L		3014767	Southern	0.75" Stone	24.54	Braen Stone of Sparta	8:01am
440	11/12/2024	FOB	NJ	AX724C		3016098	Southern	DGA	25.56	Braen Stone of Sparta	12:12 AM
441	11/12/2024	IVAN	NJ	AX955P	46	3016183	Southern	0.75" Stone	25.21	Braen Stone of Sparta	3:06pm
442	11/12/2024	NARANJO	NJ	AY215L	7	3016203	Southern	0.75" Stone	24.34	Braen Stone of Sparta	8:54 AM
443	11/12/2024	FOB	NJ	AW847H		3016244	Southern	DGA	25.71	Braen Stone of Sparta	10:51 AM
444	11/12/2024	FOB	NJ	AS450Y		3016270	Southern	DGA	26.03	Braen Stone of Sparta	11:55 AM
445	11/12/2024	JUSTIN EXPRESS	NJ	AU762G		3016337	Southern	0.75" Stone	25.19	Braen Stone of Sparta	11:46 AM
446	11/13/2024	N/A		N/A		1001171425	Southern	Clean Fill	20	EROC	NA
447	11/13/2024	N/A		N/A		1001171487	Southern	Clean Fill	20	EROC	NA
448	11/13/2024	N/A		N/A		1001171497	Southern	Clean Fill	20	EROC	NA
449	11/13/2024	N/A		N/A		1001171426	Southern	Clean Fill	20	EROC	NA
450	11/13/2024	N/A		N/A		1001171385	Southern	Clean Fill	20	EROC	NA
451	11/13/2024	N/A		N/A		1001171386	Southern	Clean Fill	20	EROC	NA
452	11/13/2024	N/A		N/A		1001171530	Southern	Clean Fill	20	EROC	NA
453	11/13/2024	N/A		N/A		1001171542	Southern	Clean Fill	20	EROC	NA
454	11/14/2024	N/A		N/A		1001171726	Southern	Clean Fill	20	EROC	NA
455	11/14/2024	N/A		N/A		1001171584	Southern	Clean Fill	20	EROC	NA
456	11/14/2024	N/A		N/A		1001171636	Southern	Clean Fill	20	EROC	NA
457	11/14/2024	N/A		N/A		1001171637	Southern	Clean Fill	20	EROC	NA
458	11/14/2024	N/A		N/A		1001171583	Southern	Clean Fill	20	EROC	NA
459	11/14/2024	N/A		N/A		1001171727	Southern	Clean Fill	20	EROC	NA
460	11/14/2024	JENCAR	NJ	AX724C	56	3016957	Southern	0.75" Stone	24.75	Braen Stone of Sparta	11:46 AM
461	11/14/2024	FOB	NJ	AW847H		3016958	Southern	0.75" Stone	25.18	Braen Stone of Sparta	11:49 AM
462	11/14/2024	FOB	NJ	AW725D		3017012	Southern	0.75" Stone	25.38	Braen Stone of Sparta	2:34 PM
463	11/15/2024	FOB	NJ	AZ689D		3017242	Southern	0.75" Stone	25.03	Braen Stone of Sparta	5:34 AM

FIGURES



Notes:
1. Topographic basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online.
2. Parcel data is provided by the NYC Department of Finance Tax Map, 2024.

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Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
12096 FLATLANDS AVENUE SITE
BCP SITE NO. C224290
30 INSPIRATION LANE
F/K/A 12096 FLATLANDS AVENUE

BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Drawing Title
SITE LOCATION MAP

Project No.	100688801
Date	9/20/2024
Scale	1"=2,000'
Drawn By	IHB
Last Revised	9/20/2024
Figure	1

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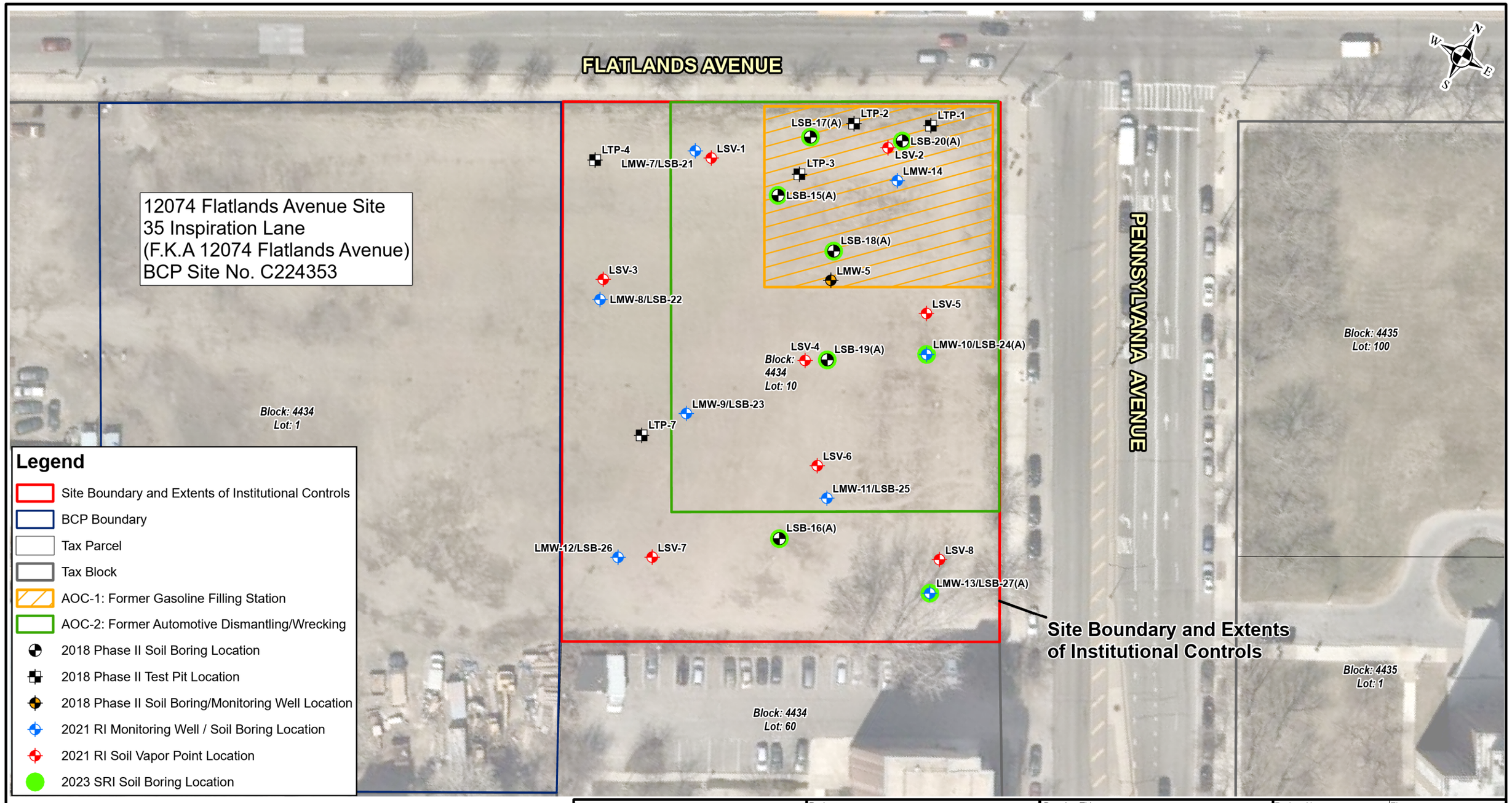
Path: \\Langan.com\data\PAR\data8\100688801\Project Data\ArcGIS\APRX\100688801\100688801_2024.aprx Date: 9/20/2024 User: ibaker Time: 10:53 AM



Legend

- Site Boundary and Extents of Institutional Controls
- BCP Boundary
- Tax Parcel
- Tax Block
- AOC-1: Former Gasoline Filling Station
- AOC-2: Former Automotive Dismantling/Wrecking
- 2018 Phase II Soil Boring Location
- 2018 Phase II Test Pit Location
- 2018 Phase II Soil Boring/Monitoring Well Location
- 2021 RI Monitoring Well / Soil Boring Location
- 2021 RI Soil Vapor Point Location
- 2023 SRI Soil Boring Location

Notes:
1. Aerial imagery provided by Nearmap ltd., collected March 10, 2021.
2. Parcel information from MapPLUTO 21v1 copyrighted by the New York City Department of Planning.
3. AOC-1 and AOC-2 locations are based on a Sanborn Fire Insurance Map dated 1950.
4. 2018 Phase II EI Sample and Test Pit Locations obtained from Phase II EI Report conducted by Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology, D.P.C. dated 8/24/2018.
5. Sample locations for the RI were collected for soil borings and monitoring wells using classic survey techniques and for soil vapor points using the ArcGIS Collector application on a tablet utilizing the GPS location.
6. AOC-3: Presence of Historic Fill is identified as site-wide.

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NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
12096 Flatlands Avenue Site
30 Inspiration Lane
(F.K.A 12096 Flatlands Avenue)
BCP Site No. C224290
BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Drawing Title
SITE PLAN

Project No.	100688801
Date	9/6/2022
Scale	1:600
Drawn By	IHB
Last Revised	4/29/2025
Figure	2

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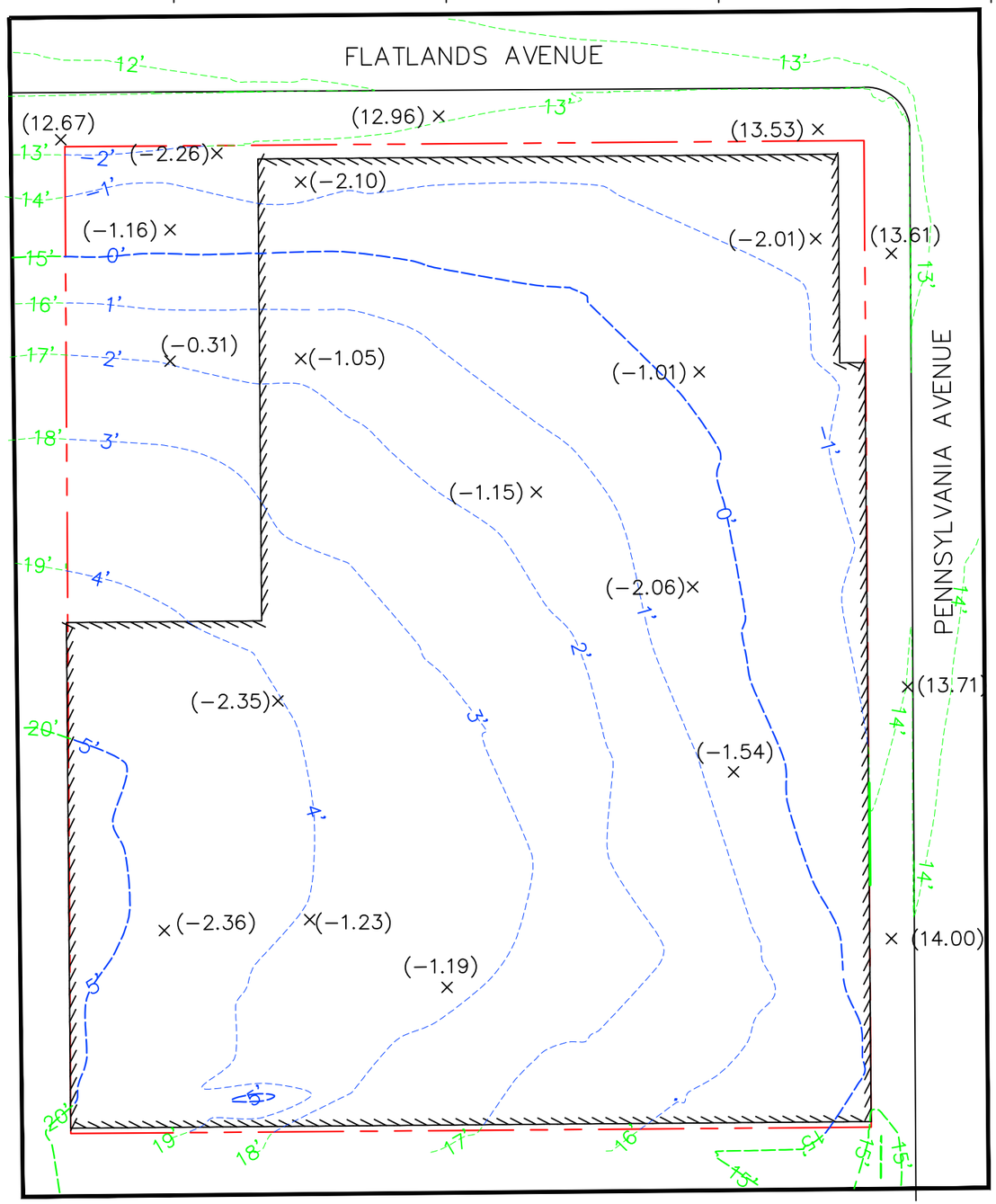

LEGEND:

- PROPERTY BOUNDARY
- BUILDING EXTENTS
- 20' SURFACE ELEVATION TOPOGRAPHIC LINES
- 5' REMEDIAL EXCAVATION ELEVATION TOPOGRAPHIC LINES
- × (−2.36) MASS ELEVATION SURVEY POINT

NOTES:

1. TOPOGRAPHIC LINES REPRESENTING THE EXTENTS OF THE REMEDIAL EXCAVATION (15 FEET FROM THE FORMER SURFACE ELEVATION) ARE DERIVED FROM THE BOUNDARY & TOPOGRAPHIC SURVEY DRAWING PREPARED BY CONTROL POINT ASSOCIATES INC. PC LAST REVISED 6/22/2021.
2. SURVEYED POINTS SHOW THE EXTENT OF MASS EXCAVATION AND ARE SHOWN AS PRESENTED ON THE ELEVATION CHECK DRAWING PREPARED BY WOHL & O'MARA LLP LAST REVISED 10/8/2024.
3. BUILDING EXTENTS ARE SHOWN AS DEPICTED IN THE ELEVATION CHECK DRAWING PREPARED BY WOHL & O'MARA LLP LAST REVISED 10/8/2024.

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40 0 10 25 40

SCALE: 1 INCH = 40 FEET

STATE OF NEW YORK · RONALD D. BOYER · 085831 · LICENSED PROFESSIONAL ENGINEER

Ronald D. Boyer

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NJ Certificate of Authorization No.24GA27996400

Project
12096 Flatlands Avenue Site
30 Inspiration Lane (F.K.A. 12096 Flatlands Avenue)
BCP Site No. C224290
BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Drawing Title
REMEDIAL EXCAVATION EXTENTS

Project No.	100688801
Date	11/26/2024
Drawn By	JR
Checked By	LK
Drawing No.	3A
Sheet	of ###

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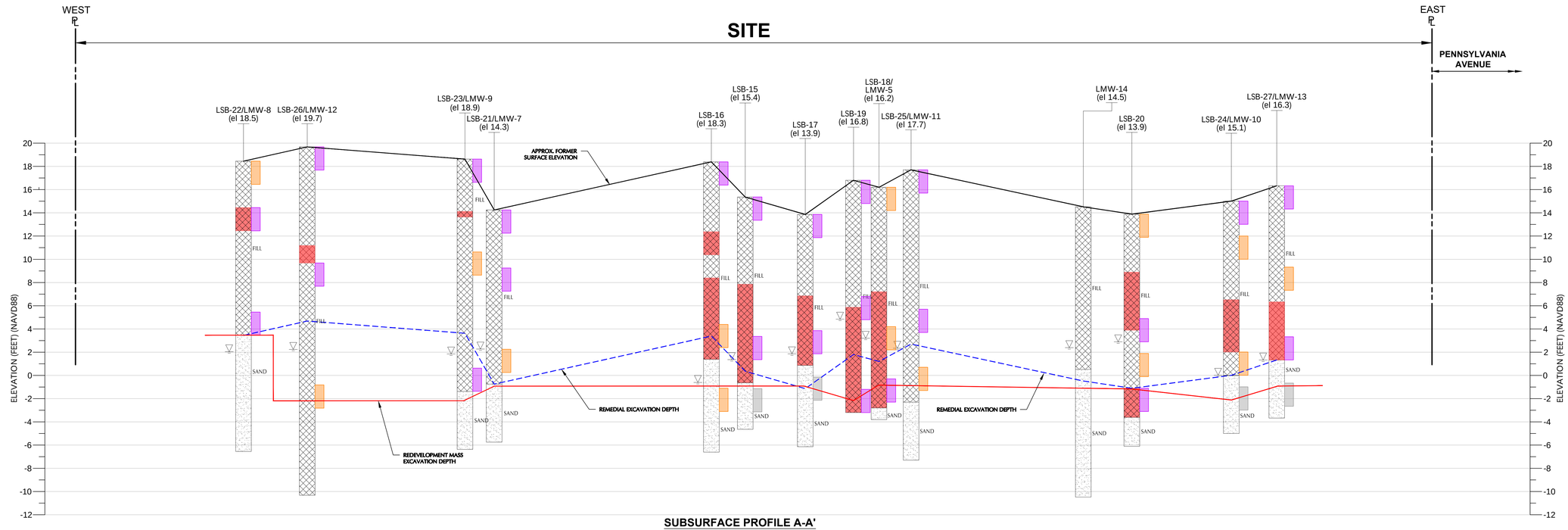
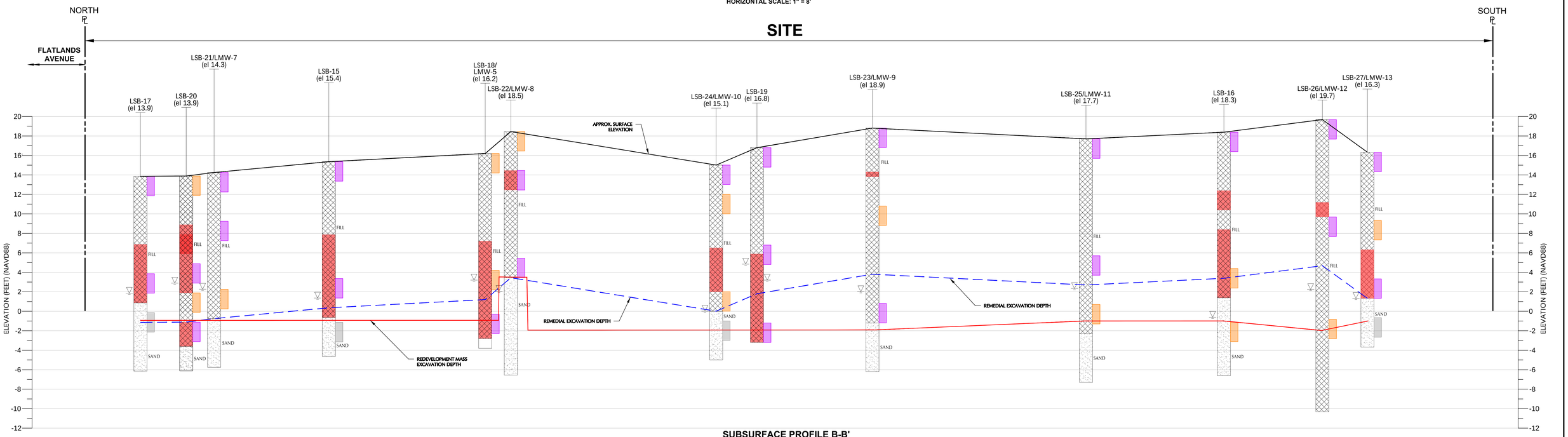
Filename: \\langan.com\data\PAR\data8\100688801\Project Data\CAD\01\2D-DesignFiles\Environmental\CCC_recover.dwg Date: 12/9/2024 Time: 13:23 User: tvu Style Table: Langan.stb Layout: ANSIB-BL



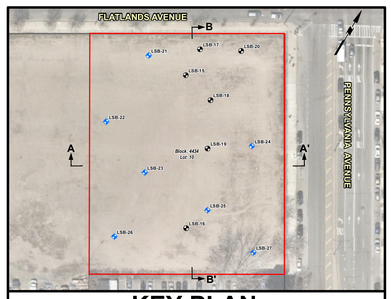
SUBSURFACE PROFILE A-A'

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 8'



SUBSURFACE PROFILE B-B'

VERTICAL SCALE: 1" = 4'
HORIZONTAL SCALE: 1" = 8'



KEY PLAN

N.T.S.

NOTES:

1. THIS PROFILE SHOWS GENERALIZED SUBSURFACE CONDITIONS AT THE RESPECTIVE BORING LOCATIONS PRIOR TO THE REMEDIAL EXCAVATION. VARIATIONS IN SUBSURFACE CONDITIONS SHOULD BE EXPECTED BETWEEN BORINGS. FOR A DETAILED DESCRIPTION OF CONDITIONS ENCOUNTERED, SEE BORING LOGS INCLUDED IN APPENDIX B AND APPENDIX H OF THE RIR.
2. SOIL BORING LOCATIONS ARE APPROXIMATE. FORMER GROUND SURFACE ELEVATIONS FOR LSB-15 THROUGH LSB-20, WITH THE EXCEPTION OF LSB-18, ARE INFERRED FROM LIDAR FILES. FORMER GROUND SURFACE ELEVATIONS OF SOIL BORINGS COLLOCATED WITH MONITORING WELLS (LSB-18 AND LSB-21 THROUGH LSB-27) WERE SURVEYED USING GPS LOCATING TECHNIQUES.
3. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD88.
4. SOIL BORINGS LSB-15 THROUGH LSB-20 WERE COMPLETED ON 18 MAY 2018 AS PART OF THE 2018 PHASE II INVESTIGATION. LSB-21 THROUGH LSB-27 WERE COMPLETED BETWEEN 13 AND 15 APRIL 2021 AS PART OF THE 2021 REMEDIAL INVESTIGATION.
5. THE REDEVELOPMENT MASS EXCAVATION DEPTH IS BASED ON THE "SEGMENT 1 & 2 - FOUNDATION OVERALL PLAN" PREPARED BY DISIMONE CONSULTING ENGINEERS LAST REVISED 4/5/2024.

BORING KEY:

LEGEND:

B-X	DRILLED BORING IDENTIFICATION
el XX±	APPROXIMATE SURFACE ELEVATION AT THE TIME OF BORING (NAVD88)
▽	GROUNDWATER IN MONITORING WELL
	ASH LAYER OBSERVED
	APPROX. FORMER SURFACE ELEVATION
	2' RI/SRI SAMPLE INTERVAL HAD EXCEEDANCES OF NYSDEC PART 375 UNRESTRICTED USE SCOs
	2' RI/SRI SAMPLE INTERVAL HAD EXCEEDANCES OF NYSDEC PART 375 RESTRICTED RESIDENTIAL USE SCOs
	2' RI/SRI SAMPLE INTERVAL HAD NO EXCEEDANCES OF THE NYSDEC PART 375 UNRESTRICTED USE SCOs
	REDEVELOPMENT MASS EXCAVATION DEPTH
	REMEDIAL EXCAVATION DEPTH

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NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	12096 FLATLANDS AVENUE SITE 30 INSPIRATION LANE F.K.A. 12096 FLATLANDS AVENUE BCP Site No. C224290 BLOCK NO. 4434, LOT NO. 10 KINGS COUNTY BROOKLYN NEW YORK
Drawing Title	REMEDIAL EXCAVATION EXTENTS - SUBSURFACE PROFILES A-A' & B-B'
Project No.	100688801
Date	09/26/24
Drawn By	AC
Checked By	BR
Figure	3B

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Filename: \\langan.com\data\PAR\data8\100688801\Project Data\ArcGIS\MXD\Environmental_Figures\2022-09 RAWP\Figure 3 - Subsurface Profiles\Figure 3 - Subsurface Profiles A-A-B-B.dwg Date: 12/9/2024 Time: 13:30 User: tvu Style Table: Langan.stb Layout: Profiles

LANGAN PROJECT NO. 100688801

Legend

- Site Boundary
- Tax Parcel
- Tax Block
- Former UST Location

STATE OF NEW YORK · RONALD D. BOYER · 085831 · LICENSED PROFESSIONAL ENGINEER

Ronald D. Boyer

Notes:
1. Parcel information from MapPLUTO 21v1 copyrighted by the New York City Department of Planning.
2. UST locations during the remedial excavation were collected using the ArcGIS Collector Application on a tablet utilizing the GPS location.

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NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
12096 FLATLANDS AVENUE SITE
30 INSPIRATION LANE
(F.K.A 12096 FLATLANDS AVENUE)
BCP SITE NO. C224290
BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Drawing Title
FORMER UST LOCATION PLAN

Project No.	Figure
100688801	4
Date: 9/18/2024	
Scale: 1" = 50'	
Drawn By: IHB	
Last Revised: 9/26/2024	

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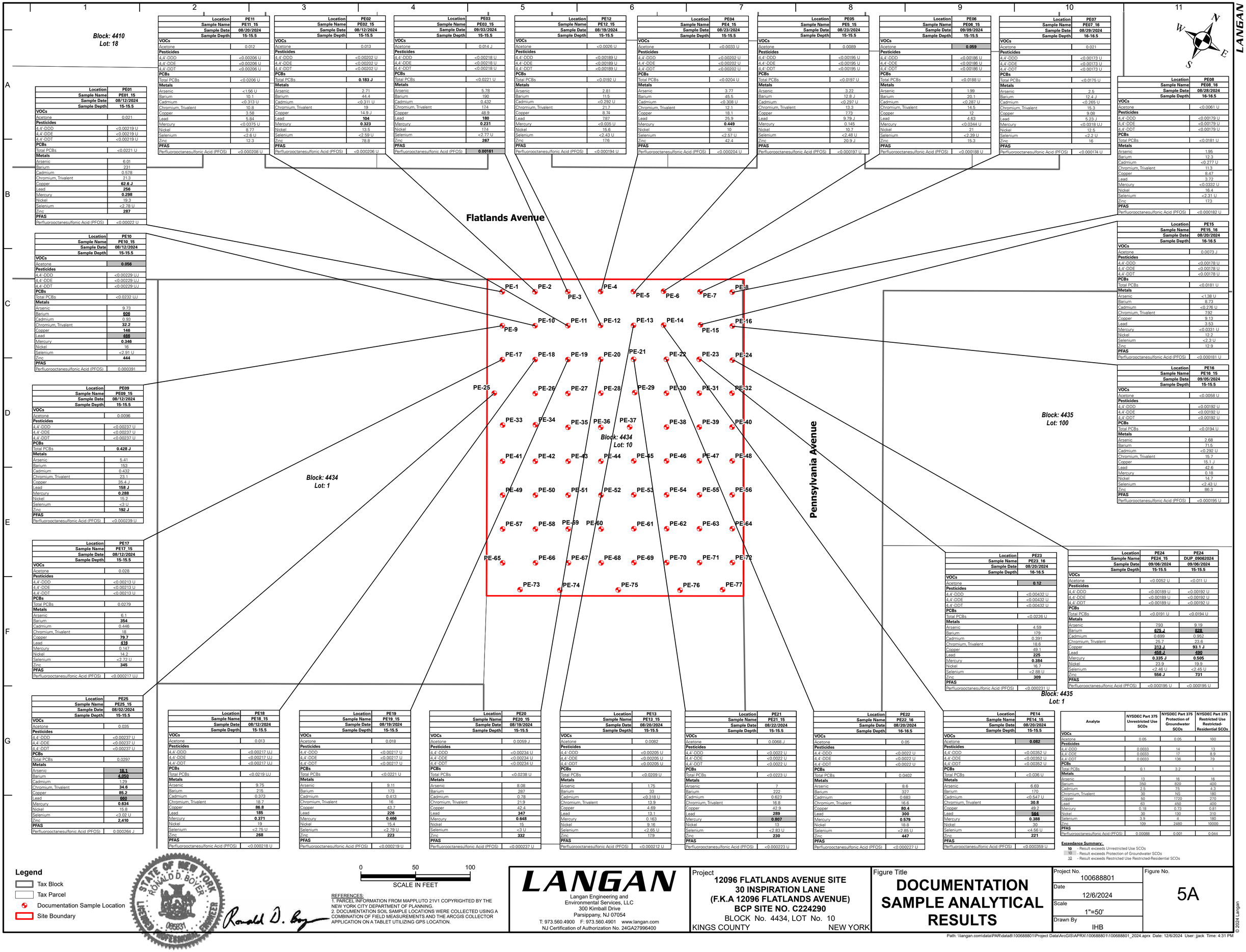
Path: \\Langan.com\data\PAR\data8\100688801\Project Data\ArcGIS\APRX\100688801\100688801_2024.aprx Date: 9/26/2024 User: ibaker Time: 2:43 PM



Location	PE01
Sample Name	PE01_15
Sample Date	08/12/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.021
Pesticides	
4,4'-DDD	<0.00219 U
4,4'-DDE	<0.00219 U
4,4'-DDT	<0.00219 U
PCBs	
Total PCBs	<0.0221 U
Metals	
Arsenic	6.01
Barium	231
Cadmium	0.578
Chromium, Trivalent	21.3
Copper	**62.6 J**
Lead	**256**
Mercury	**0.298**
Nickel	19.3
Selenium	<2.78 U
Zinc	**287**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.00022 U

Location	PE10
Sample Name	PE10_15
Sample Date	08/12/2024
Sample Depth	15-15.5
VOCs	
Acetone	**0.056**
Pesticides	
4,4'-DDD	<0.00229 UJ
4,4'-DDE	<0.00229 UJ
4,4'-DDT	<0.00229 UJ
PCBs	
Total PCBs	<0.0232 UJ
Metals	
Arsenic	9.73
Barium	**606**
Cadmium	0.93
Chromium, Trivalent	**32.2**
Copper	**146**
Lead	**466**
Mercury	**0.346**
Nickel	16
Selenium	<2.91 U
Zinc	**444**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.000391

Location	PE09
Sample Name	PE09_15
Sample Date	08/12/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.0096
Pesticides	
4,4'-DDD	<0.00237 U
4,4'-DDE	<0.00237 U
4,4'-DDT	<0.00237 U
PCBs	
Total PCBs	**0.428 J**
Metals	
Arsenic	5.41
Barium	153
Cadmium	0.432
Chromium, Trivalent	23.1
Copper	35.4 J
Lead	**158 J**
Mercury	**0.288**
Nickel	15.2
Selenium	<3 U
Zinc	**192 J**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000239 U

Location	PE17
Sample Name	PE17_15
Sample Date	08/12/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.028
Pesticides	
4,4'-DDD	<0.00213 U
4,4'-DDE	<0.00213 U
4,4'-DDT	<0.00213 U
PCBs	
Total PCBs	0.0279
Metals	
Arsenic	6.1
Barium	**354**
Cadmium	0.446
Chromium, Trivalent	18
Copper	**79.7**
Lead	**416**
Mercury	0.147
Nickel	14.2
Selenium	<2.72 U
Zinc	**345**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000217 UJ

Location	PE25
Sample Name	PE25_15
Sample Date	08/02/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.035
Pesticides	
4,4'-DDD	<0.00237 U
4,4'-DDE	<0.00237 U
4,4'-DDT	<0.00237 U
PCBs	
Total PCBs	0.0297
Metals	
Arsenic	**18.1**
Barium	**4,050**
Cadmium	1.29
Chromium, Trivalent	**34.6**
Copper	**85.2**
Lead	**660**
Mercury	**0.634**
Nickel	15.8
Selenium	<3.02 U
Zinc	**2,410**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.000264 J

Location	PE11
Sample Name	PE11_15
Sample Date	08/20/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.012
Pesticides	
4,4'-DDD	<0.00206 U
4,4'-DDE	<0.00206 U
4,4'-DDT	<0.00206 U
PCBs	
Total PCBs	<0.0206 U
Metals	
Arsenic	<1.56 U
Barium	10.1
Cadmium	<0.313 U
Chromium, Trivalent	10.8
Copper	3.58
Lead	5.84
Mercury	<0.0375 U
Nickel	8.77
Selenium	<2.6 U
Zinc	12.3
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000208 U

Location	PE02
Sample Name	PE02_15
Sample Date	08/12/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.013
Pesticides	
4,4'-DDD	<0.00202 U
4,4'-DDE	<0.00202 U
4,4'-DDT	<0.00202 U
PCBs	
Total PCBs	**0.183 J**
Metals	
Arsenic	2.71
Barium	44.4
Cadmium	<0.311 U
Chromium, Trivalent	19
Copper	14.9 J
Lead	**104**
Mercury	**0.323**
Nickel	13.5
Selenium	<2.59 U
Zinc	78.8
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000206 U

Location	PE03
Sample Name	PE03_15
Sample Date	09/03/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.014 J
Pesticides	
4,4'-DDD	<0.00218 U
4,4'-DDE	<0.00218 U
4,4'-DDT	<0.00218 U
PCBs	
Total PCBs	<0.0221 U
Metals	
Arsenic	5.78
Barium	190
Cadmium	0.432
Chromium, Trivalent	17.4
Copper	48.9
Lead	**180**
Mercury	**0.231**
Nickel	17.4
Selenium	<2.77 U
Zinc	**267**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	**0.00161**

Location	PE12
Sample Name	PE12_15
Sample Date	08/19/2024
Sample Depth	15-15.5
VOCs	
Acetone	<0.0026 U
Pesticides	
4,4'-DDD	<0.00189 U
4,4'-DDE	<0.00189 U
4,4'-DDT	<0.00189 U
PCBs	
Total PCBs	<0.0192 U
Metals	
Arsenic	2.81
Barium	11.5
Cadmium	<0.292 U
Chromium, Trivalent	21.7
Copper	8.74
Lead	787
Mercury	<0.035 U
Nickel	15.6
Selenium	<2.43 U
Zinc	176
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000194 U

Location	PE04
Sample Name	PE4_15
Sample Date	08/23/2024
Sample Depth	15-15.5
VOCs	
Acetone	<0.0033 U
Pesticides	
4,4'-DDD	<0.00202 U
4,4'-DDE	<0.00202 U
4,4'-DDT	<0.00202 U
PCBs	
Total PCBs	<0.0204 U
Metals	
Arsenic	3.77
Barium	45.5
Cadmium	<0.308 U
Chromium, Trivalent	12.1
Copper	18.1
Lead	25.9
Mercury	**0.449**
Nickel	10
Selenium	<2.57 U
Zinc	42.4
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000204 U

Location	PE05
Sample Name	PE5_15
Sample Date	08/23/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.0089
Pesticides	
4,4'-DDD	<0.00195 U
4,4'-DDE	<0.00195 U
4,4'-DDT	<0.00195 U
PCBs	
Total PCBs	<0.0197 U
Metals	
Arsenic	3.22
Barium	12.8 J
Cadmium	<0.297 U
Chromium, Trivalent	13.3
Copper	7.73
Lead	9.79 J
Mercury	0.145
Nickel	10.7
Selenium	<2.48 U
Zinc	20.9 J
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000197 U

Location	PE06
Sample Name	PE06_15
Sample Date	09/09/2024
Sample Depth	15-15.5
VOCs	
Acetone	**0.059**
Pesticides	
4,4'-DDD	<0.00186 U
4,4'-DDE	<0.00186 U
4,4'-DDT	<0.00186 U
PCBs	
Total PCBs	<0.0188 U
Metals	
Arsenic	1.99
Barium	20.1
Cadmium	<0.287 U
Chromium, Trivalent	14.5
Copper	12
Lead	4.63
Mercury	<0.0344 U
Nickel	21
Selenium	<2.39 U
Zinc	15.3
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000188 U

Location	PE07
Sample Name	PE07_16
Sample Date	08/29/2024
Sample Depth	16-16.5
VOCs	
Acetone	0.021
Pesticides	
4,4'-DDD	<0.00173 U
4,4'-DDE	<0.00173 U
4,4'-DDT	<0.00173 U
PCBs	
Total PCBs	<0.0175 U
Metals	
Arsenic	2.5
Barium	12.4 J
Cadmium	<0.265 U
Chromium, Trivalent	15.3
Copper	9.08
Lead	5.23 J
Mercury	<0.0318 UJ
Nickel	12.5
Selenium	<2.2 U
Zinc	16
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000174 U

Location	PE08
Sample Name	PE08_16
Sample Date	08/28/2024
Sample Depth	16-16.5
VOCs	
Acetone	<0.0061 U
Pesticides	
4,4'-DDD	<0.00179 U
4,4'-DDE	<0.00179 U
4,4'-DDT	<0.00179 U
PCBs	
Total PCBs	<0.0181 U
Metals	
Arsenic	1.95
Barium	12.3
Cadmium	<0.277 U
Chromium, Trivalent	11.3
Copper	8.47
Lead	3.72
Mercury	<0.0332 U
Nickel	16.4
Selenium	<2.31 U
Zinc	173
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000182 U

Location	PE15
Sample Name	PE15_16
Sample Date	08/20/2024
Sample Depth	16-16.5
VOCs	
Acetone	0.0073 J
Pesticides	
4,4'-DDD	<0.00178 U
4,4'-DDE	<0.00178 U
4,4'-DDT	<0.00178 U
PCBs	
Total PCBs	<0.0181 U
Metals	
Arsenic	<1.38 U
Barium	8.73
Cadmium	<0.276 U
Chromium, Trivalent	7.92
Copper	9.13
Lead	3.63
Mercury	<0.0331 U
Nickel	12.2
Selenium	<2.3 U
Zinc	12.9
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000181 U

Location	PE16
Sample Name	PE16_15
Sample Date	09/05/2024
Sample Depth	15-15.5
VOCs	
Acetone	<0.0058 U
Pesticides	
4,4'-DDD	<0.00192 U
4,4'-DDE	<0.00192 U
4,4'-DDT	<0.00192 U
PCBs	
Total PCBs	<0.0194 U
Metals	
Arsenic	2.68
Barium	71.5
Cadmium	<0.292 U
Chromium, Trivalent	15.7
Copper	15.1 J
Lead	42.6
Mercury	0.18
Nickel	14.7
Selenium	<2.43 U
Zinc	86.3
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000195 U

Location	PE23
Sample Name	PE23_16
Sample Date	08/20/2024
Sample Depth	16-16.5
VOCs	
Acetone	**0.12**
Pesticides	
4,4'-DDD	<0.00432 U
4,4'-DDE	<0.00432 U
4,4'-DDT	<0.00432 U
PCBs	
Total PCBs	<0.0226 U
Metals	
Arsenic	4.59
Barium	179
Cadmium	0.391
Chromium, Trivalent	18.6
Copper	49.1
Lead	**225**
Mercury	**0.384**
Nickel	16.7
Selenium	<2.88 U
Zinc	**309**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000231 U

Location	PE24	PE24
Sample Name	PE24_15	DUP_09062024
Sample Date	09/06/2024	09/06/2024
Sample Depth	15-15.5	15-15.5
VOCs		
Acetone	<0.0052 U	<0.011 U
Pesticides		
4,4'-DDD	<0.00189 U	<0.00192 U
4,4'-DDE	<0.00189 U	<0.00192 U
4,4'-DDT	<0.00189 U	<0.00192 U
PCBs		
Total PCBs	<0.0191 U	<0.0194 U
Metals		
Arsenic	7.93	9.19
Barium	**675 J**	**828**
Cadmium	0.699	0.952
Chromium, Trivalent	25.7	23.6
Copper	**212 J**	**93.1 J**
Lead	**458 J**	**490**
Mercury	**0.335 J**	**0.505**
Nickel	23.9	19.9
Selenium	<2.46 U	<2.45 U
Zinc	**556 J**	**731**
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	<0.000195 U	<0.000195 U

Location	PE18
Sample Name	PE18_15
Sample Date	08/12/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.013
Pesticides	
4,4'-DDD	<0.00217 UJ
4,4'-DDE	<0.00217 UJ
4,4'-DDT	<0.00217 UJ
PCBs	
Total PCBs	<0.0219 UJ
Metals	
Arsenic	9.75
Barium	215
Cadmium	0.373
Chromium, Trivalent	18.7
Copper	**86.8**
Lead	**185**
Mercury	**0.371**
Nickel	19
Selenium	<2.75 U
Zinc	**268**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000218 U

Location	PE19
Sample Name	PE19_15
Sample Date	08/19/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.018
Pesticides	
4,4'-DDD	<0.00217 U
4,4'-DDE	<0.00217 U
4,4'-DDT	<0.00217 U
PCBs	
Total PCBs	<0.0221 U
Metals	
Arsenic	9.11
Barium	173
Cadmium	0.413
Chromium, Trivalent	16
Copper	43.7
Lead	**226**
Mercury	**0.466**
Nickel	15.4
Selenium	<2.79 U
Zinc	**223**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000219 U

Location	PE20
Sample Name	PE20_15
Sample Date	08/19/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.0059 J
Pesticides	
4,4'-DDD	<0.00234 U
4,4'-DDE	<0.00234 U
4,4'-DDT	<0.00234 U
PCBs	
Total PCBs	<0.0238 U
Metals	
Arsenic	8.08
Barium	287
Cadmium	0.78
Chromium, Trivalent	21.9
Copper	42.4
Lead	**347**
Mercury	**0.648**
Nickel	15
Selenium	<3 U
Zinc	**332**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000237 U

Location	PE13
Sample Name	PE13_15
Sample Date	08/20/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.0082
Pesticides	
4,4'-DDD	<0.00205 U
4,4'-DDE	<0.00205 U
4,4'-DDT	<0.00205 U
PCBs	
Total PCBs	<0.0209 U
Metals	
Arsenic	1.75
Barium	33
Cadmium	<0.318 U
Chromium, Trivalent	13.9
Copper	4.69
Lead	13.1
Mercury	0.163
Nickel	9.16
Selenium	<2.65 U
Zinc	179
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000212 U

Location	PE21
Sample Name	PE21_15
Sample Date	08/22/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.0068 J
Pesticides	
4,4'-DDD	<0.0022 U
4,4'-DDE	<0.0022 U
4,4'-DDT	<0.0022 U
PCBs	
Total PCBs	<0.0223 U
Metals	
Arsenic	7
Barium	222
Cadmium	0.623
Chromium, Trivalent	16.8
Copper	42.9
Lead	**289**
Mercury	**0.807**
Nickel	13
Selenium	<2.83 U
Zinc	**230**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000223 U

Location	PE22
Sample Name	PE22_16
Sample Date	08/20/2024
Sample Depth	16-16.5
VOCs	
Acetone	0.05
Pesticides	
4,4'-DDD	<0.0022 U
4,4'-DDE	<0.0022 U
4,4'-DDT	<0.0022 U
PCBs	
Total PCBs	0.0402
Metals	
Arsenic	8.6
Barium	327
Cadmium	0.683
Chromium, Trivalent	16.6
Copper	**80.4**
Lead	**300**
Mercury	**0.579**
Nickel	18.8
Selenium	<2.85 U
Zinc	**447**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000227 U

Location	PE14
Sample Name	PE14_15
Sample Date	08/20/2024
Sample Depth	15-15.5
VOCs	
Acetone	**0.082**
Pesticides	
4,4'-DDD	<0.00362 U
4,4'-DDE	<0.00362 U
4,4'-DDT	<0.00362 U
PCBs	
Total PCBs	<0.036 U
Metals	
Arsenic	6.69
Barium	170
Cadmium	<0.547 U
Chromium, Trivalent	**30.8**
Copper	49.2
Lead	**564**
Mercury	**0.388**
Nickel	30
Selenium	<4.56 U
Zinc	**221**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000359 U

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
VOCs			
Acetone	0.05	0.05	100
Pesticides			
4,4'-DDD	0.0033	14	13
4,4'-DDE	0.0033	17	8.9
4,4'-DDT	0.0033	136	7.9
PCBs			
Total PCBs	0.1	3.2	1
Metals			
Arsenic	13	16	16
Barium	350	820	400
Cadmium	2.5	75	4.3
Chromium, Trivalent	30	NS	180
Copper	50	1720	270
Lead	63	450	400
Mercury	0.18	0.73	0.81
Nickel	30	130	310
Selenium	3.9	4	180
Zinc	109	2480	10000
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.001	0.044

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

Legend

- Tax Block
- Tax Parcel
- Documentation Sample Location
- Site Boundary

0 50 100
SCALE IN FEET

REFERENCES:
1. PARCEL INFORMATION FROM MAPPLUTO 21V1 COPYRIGHTED BY THE NEW YORK CITY DEPARTMENT OF PLANNING.
2. DOCUMENTATION SOIL SAMPLE LOCATIONS WERE COLLECTED USING A COMBINATION OF FIELD MEASUREMENTS AND THE ARCGIS COLLECTOR APPLICATION ON A TABLET UTILIZING GPS LOCATION.

STATE OF NEW YORK · RONALD D. BOYER · 095831 · LICENSED PROFESSIONAL ENGINEER

Ronald D. Boyer

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NJ Certification of Authorization No. 24GA27996400

Project
12096 FLATLANDS AVENUE SITE
30 INSPIRATION LANE
(F.K.A 12096 FLATLANDS AVENUE)
BCP SITE NO. C224290
BLOCK No. 4434, LOT No. 10
KINGS COUNTY NEW YORK

Figure Title
DOCUMENTATION SAMPLE ANALYTICAL RESULTS

Project No.	100688801
Date	12/6/2024
Scale	1"=50'
Drawn By	IHB
Figure No.	5A

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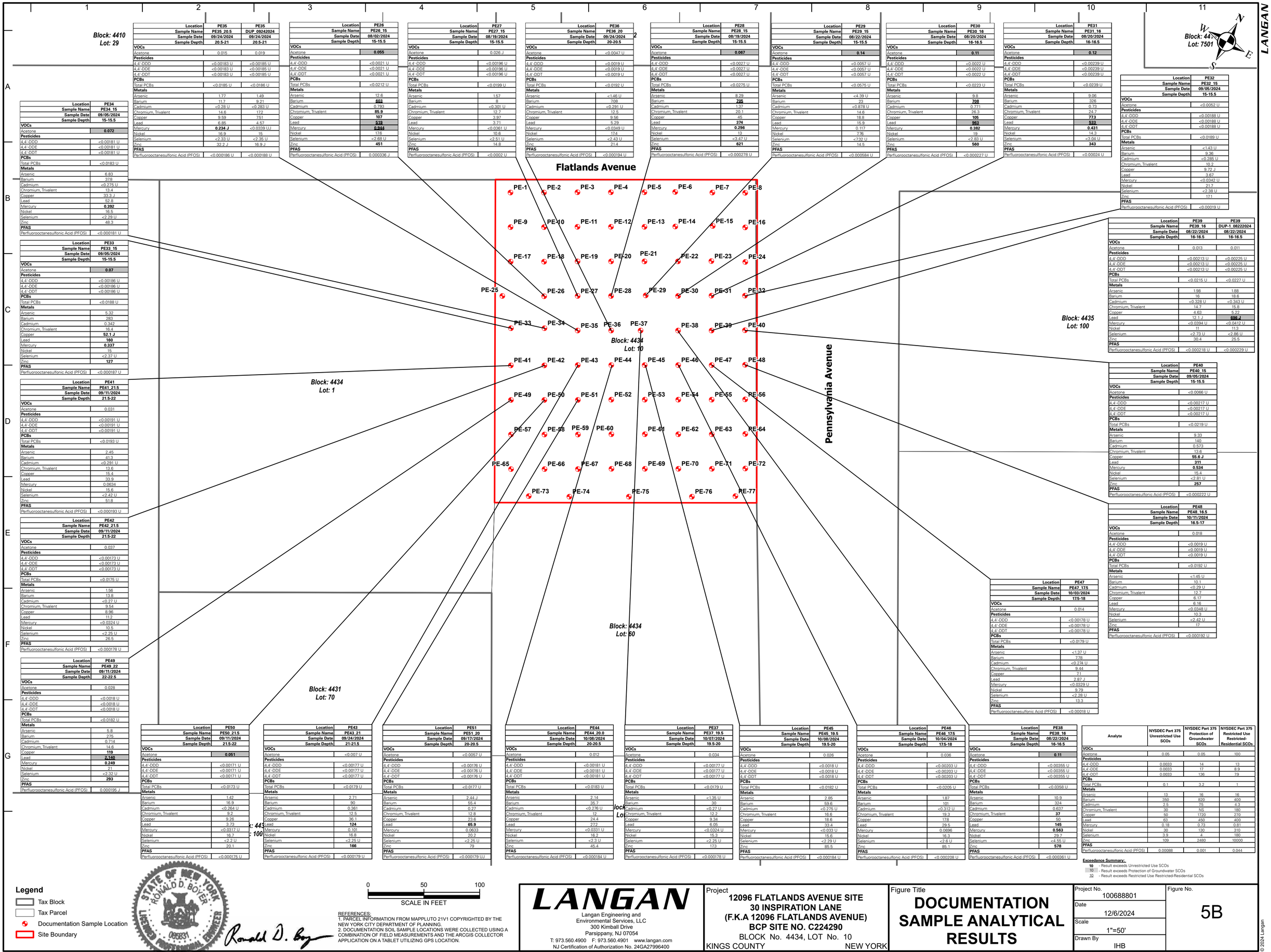
Path: \\langan.com\data\PAR\data8\100688801\Project Data\ArcGIS\APRX\100688801\100688801_2024.aprx Date: 12/6/2024 User: jjack Time: 4:31 PM



Location	PE35	PE35
Sample Name	PE35_20.5	DUP_09242024
Sample Date	09/24/2024	09/24/2024
Sample Depth	20.5-21	20.5-21
VOCs		
Acetone	0.015	0.019
Pesticides		
4,4'-DDD	<0.00183 U	<0.00185 U
4,4'-DDE	<0.00183 U	<0.00185 U
4,4'-DDT	<0.00183 U	<0.00185 U
PCBs		
Total PCBs	<0.0185 U	<0.0186 U
Metals		
Arsenic	1.77	1.49
Barium	11.7	9.21
Cadmium	<0.28 U	<0.283 U
Chromium, Trivalent	14.6	17.2
Copper	9.59	7.51
Lead	6.85	4.57
Mercury	**0.234 J**	<0.0339 UJ
Nickel	16.9	15
Selenium	<2.33 U	<2.35 U
Zinc	32.2 J	16.9 J
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	<0.000186 U	<0.000188 U

Location	PE26
Sample Name	PE26_15
Sample Date	08/02/2024
Sample Depth	15-15.5
VOCs	
Acetone	**0.055**
Pesticides	
4,4'-DDD	<0.0021 U
4,4'-DDE	<0.0021 U
4,4'-DDT	<0.0021 U
PCBs	
Total PCBs	<0.0212 U
Metals	
Arsenic	12.6
Barium	**603**
Cadmium	0.783
Chromium, Trivalent	**85.9**
Copper	**107**
Lead	**519**
Mercury	**0.944**
Nickel	17.6
Selenium	<2.68 U
Zinc	**451**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.000336 J

Location	PE27
Sample Name	PE27_15
Sample Date	08/19/2024
Sample Depth	15-15.5
VOCs	
Acetone	0.026 J
Pesticides	
4,4'-DDD	<0.00196 U
4,4'-DDE	<0.00196 U
4,4'-DDT	<0.00196 U
PCBs	
Total PCBs	<0.0199 U
Metals	
Arsenic	1.57
Barium	8
Cadmium	<0.301 U
Chromium, Trivalent	12.7
Copper	3.97
Lead	3.71
Mercury	<0.0361 U
Nickel	10.6
Selenium	<2.51 U
Zinc	14.8
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.0002 U

Location	PE36
Sample Name	PE36_20
Sample Date	09/24/2024
Sample Depth	20-20.5
VOCs	
Acetone	<0.0047 U
Pesticides	
4,4'-DDD	<0.0019 U
4,4'-DDE	<0.0019 U
4,4'-DDT	<0.0019 U
PCBs	
Total PCBs	<0.0192 U
Metals	
Arsenic	<1.46 U
Barium	7.08
Cadmium	<0.291 U
Chromium, Trivalent	12.5
Copper	9.56
Lead	5.29
Mercury	<0.0349 U
Nickel	17.4
Selenium	<2.43 U
Zinc	21.4
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000194 U

Location	PE28
Sample Name	PE28_15
Sample Date	08/19/2024
Sample Depth	15-15.5
VOCs	
Acetone	**0.067**
Pesticides	
4,4'-DDD	<0.0027 U
4,4'-DDE	<0.0027 U
4,4'-DDT	<0.0027 U
PCBs	
Total PCBs	<0.0275 U
Metals	
Arsenic	8.29
Barium	**705**
Cadmium	1.37
Chromium, Trivalent	20.1
Copper	45
Lead	**374**
Mercury	**0.296**
Nickel	13
Selenium	<3.47 U
Zinc	**621**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000278 U

Location	PE29
Sample Name	PE29_15
Sample Date	08/22/2024
Sample Depth	15-15.5
VOCs	
Acetone	**0.14**
Pesticides	
4,4'-DDD	<0.0057 U
4,4'-DDE	<0.0057 U
4,4'-DDT	<0.0057 U
PCBs	
Total PCBs	<0.0575 U
Metals	
Arsenic	<4.39 U
Barium	23
Cadmium	<0.878 U
Chromium, Trivalent	14.6
Copper	18.8
Lead	15.9
Mercury	0.117
Nickel	7.76
Selenium	<7.32 U
Zinc	14.5
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000584 U

Location	PE30
Sample Name	PE30_16
Sample Date	08/20/2024
Sample Depth	16-16.5
VOCs	
Acetone	**0.11**
Pesticides	
4,4'-DDD	<0.0022 U
4,4'-DDE	<0.0022 U
4,4'-DDT	<0.0022 U
PCBs	
Total PCBs	<0.0223 U
Metals	
Arsenic	9.8
Barium	**708**
Cadmium	0.771
Chromium, Trivalent	26.3
Copper	**105**
Lead	**963**
Mercury	**0.382**
Nickel	19
Selenium	<2.83 U
Zinc	**560**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000227 U

Location	PE31
Sample Name	PE31_16
Sample Date	08/20/2024
Sample Depth	16-16.5
VOCs	
Acetone	**0.12**
Pesticides	
4,4'-DDD	<0.00239 U
4,4'-DDE	<0.00239 U
4,4'-DDT	<0.00239 U
PCBs	
Total PCBs	<0.0239 U
Metals	
Arsenic	9.06
Barium	326
Cadmium	0.73
Chromium, Trivalent	24.7
Copper	**77.3**
Lead	**533**
Mercury	**0.431**
Nickel	14.3
Selenium	<3.04 U
Zinc	**343**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.00024 U

Location	PE34
Sample Name	PE34_15
Sample Date	09/05/2024
Sample Depth	15-15.5
VOCs	
Acetone	**0.072**
Pesticides	
4,4'-DDD	<0.00181 U
4,4'-DDE	<0.00181 U
4,4'-DDT	<0.00181 U
PCBs	
Total PCBs	<0.0183 U
Metals	
Arsenic	6.83
Barium	378
Cadmium	<0.275 U
Chromium, Trivalent	13.4
Copper	33.3 J
Lead	52.8
Mercury	**0.392**
Nickel	16.5
Selenium	<2.29 U
Zinc	48.3
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000181 U

Location	PE33
Sample Name	PE33_15
Sample Date	09/05/2024
Sample Depth	15-15.5
VOCs	
Acetone	**0.07**
Pesticides	
4,4'-DDD	<0.00186 U
4,4'-DDE	<0.00186 U
4,4'-DDT	<0.00186 U
PCBs	
Total PCBs	<0.0188 U
Metals	
Arsenic	5.32
Barium	283
Cadmium	0.342
Chromium, Trivalent	16.4
Copper	**52.1 J**
Lead	**160**
Mercury	**0.337**
Nickel	15
Selenium	<2.37 U
Zinc	**127**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000187 U

Location	PE41
Sample Name	PE41_21.5
Sample Date	09/11/2024
Sample Depth	21.5-22
VOCs	
Acetone	0.031
Pesticides	
4,4'-DDD	<0.00191 U
4,4'-DDE	<0.00191 U
4,4'-DDT	<0.00191 U
PCBs	
Total PCBs	<0.0193 U
Metals	
Arsenic	2.45
Barium	41.3
Cadmium	<0.291 U
Chromium, Trivalent	13.6
Copper	15.4
Lead	33.9
Mercury	0.0634
Nickel	15.6
Selenium	<2.42 U
Zinc	51.8
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000193 U

Location	PE42
Sample Name	PE42_21.5
Sample Date	09/11/2024
Sample Depth	21.5-22
VOCs	
Acetone	0.037
Pesticides	
4,4'-DDD	<0.00173 U
4,4'-DDE	<0.00173 U
4,4'-DDT	<0.00173 U
PCBs	
Total PCBs	<0.0175 U
Metals	
Arsenic	1.56
Barium	13.8
Cadmium	<0.27 U
Chromium, Trivalent	9.54
Copper	8.96
Lead	11.2
Mercury	<0.0324 U
Nickel	10.5
Selenium	<2.25 U
Zinc	26.5
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000178 U

Location	PE49
Sample Name	PE49_22
Sample Date	09/11/2024
Sample Depth	22-22.5
VOCs	
Acetone	0.028
Pesticides	
4,4'-DDD	<0.0018 U
4,4'-DDE	<0.0018 U
4,4'-DDT	<0.0018 U
PCBs	
Total PCBs	<0.0182 U
Metals	
Arsenic	5.8
Barium	275
Cadmium	0.714
Chromium, Trivalent	14.6
Copper	19
Lead	**2,140**
Mercury	**0.249**
Nickel	21
Selenium	<2.32 U
Zinc	**293**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.000195 J

Location	PE32
Sample Name	PE32_15
Sample Date	09/05/2024
Sample Depth	15-15.5
VOCs	
Acetone	<0.0052 U
Pesticides	
4,4'-DDD	<0.00188 U
4,4'-DDE	<0.00188 U
4,4'-DDT	<0.00188 U
PCBs	
Total PCBs	<0.0189 U
Metals	
Arsenic	<1.43 U
Barium	9.36
Cadmium	<0.285 U
Chromium, Trivalent	10.2
Copper	9.72 J
Lead	3.67
Mercury	<0.0342 U
Nickel	21.7
Selenium	<2.38 U
Zinc	17.1
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.00019 U

Location	PE39	PE39
Sample Name	PE39_16	DUP-1 08222024
Sample Date	08/22/2024	08/22/2024
Sample Depth	16-16.5	16-16.5
VOCs		
Acetone	0.013	0.011
Pesticides		
4,4'-DDD	<0.00213 U	<0.00225 U
4,4'-DDE	<0.00213 U	<0.00225 U
4,4'-DDT	<0.00213 U	<0.00225 U
PCBs		
Total PCBs	<0.0215 U	<0.0227 U
Metals		
Arsenic	1.98	1.88
Barium	16	18.6
Cadmium	<0.328 U	<0.343 U
Chromium, Trivalent	14.7	15.8
Copper	4.63	5.22
Lead	12.1 J	**636 J**
Mercury	<0.0394 U	<0.0412 U
Nickel	11	11.3
Selenium	<2.73 U	<2.86 U
Zinc	30.4	25.5
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	<0.000218 U	<0.000229 U

Location	PE40
Sample Name	PE40_15
Sample Date	09/05/2024
Sample Depth	15-15.5
VOCs	
Acetone	<0.0066 U
Pesticides	
4,4'-DDD	<0.00217 U
4,4'-DDE	<0.00217 U
4,4'-DDT	<0.00217 U
PCBs	
Total PCBs	<0.0219 U
Metals	
Arsenic	9.33
Barium	140
Cadmium	0.573
Chromium, Trivalent	13.6
Copper	**55.6 J**
Lead	**311**
Mercury	**0.534**
Nickel	15.4
Selenium	<2.81 U
Zinc	**257**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000222 U

Location	PE48
Sample Name	PE48_16.5
Sample Date	10/11/2024
Sample Depth	16.5-17
VOCs	
Acetone	0.018
Pesticides	
4,4'-DDD	<0.0019 U
4,4'-DDE	<0.0019 U
4,4'-DDT	<0.0019 U
PCBs	
Total PCBs	<0.0192 U
Metals	
Arsenic	<1.45 U
Barium	10.1
Cadmium	<0.29 U
Chromium, Trivalent	12.7
Copper	6.17
Lead	6.16
Mercury	<0.0348 U
Nickel	10.3
Selenium	<2.42 U
Zinc	17
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000192 U

Location	PE47
Sample Name	PE47_17.5
Sample Date	10/03/2024
Sample Depth	17.5-18
VOCs	
Acetone	0.014
Pesticides	
4,4'-DDD	<0.00178 U
4,4'-DDE	<0.00178 U
4,4'-DDT	<0.00178 U
PCBs	
Total PCBs	<0.0179 U
Metals	
Arsenic	<1.37 U
Barium	7.78
Cadmium	<0.274 U
Chromium, Trivalent	9.44
Copper	7.1
Lead	2.87 J
Mercury	<0.0329 U
Nickel	9.79
Selenium	<2.28 U
Zinc	13.3
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.00018 U

Location	PE50
Sample Name	PE50_21.5
Sample Date	09/11/2024
Sample Depth	21.5-22
VOCs	
Acetone	**0.051**
Pesticides	
4,4'-DDD	<0.00171 U
4,4'-DDE	<0.00171 U
4,4'-DDT	<0.00171 U
PCBs	
Total PCBs	<0.0173 U
Metals	
Arsenic	1.42
Barium	16.9
Cadmium	<0.264 U
Chromium, Trivalent	9.2
Copper	9.26
Lead	3.73
Mercury	<0.0317 U
Nickel	16.7
Selenium	<2.2 U
Zinc	20.1
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000175 U

Location	PE43
Sample Name	PE43_21
Sample Date	09/24/2024
Sample Depth	21-21.5
VOCs	
Acetone	<0.007 U
Pesticides	
4,4'-DDD	<0.00177 U
4,4'-DDE	<0.00177 U
4,4'-DDT	<0.00177 U
PCBs	
Total PCBs	<0.0179 U
Metals	
Arsenic	2.71
Barium	90
Cadmium	0.361
Chromium, Trivalent	12.5
Copper	36.1
Lead	**124**
Mercury	0.101
Nickel	16.8
Selenium	<2.26 U
Zinc	**166**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000179 U

Location	PE51
Sample Name	PE51_20
Sample Date	09/17/2024
Sample Depth	20-20.5
VOCs	
Acetone	<0.0057 U
Pesticides	
4,4'-DDD	<0.00176 U
4,4'-DDE	<0.00176 U
4,4'-DDT	<0.00176 U
PCBs	
Total PCBs	<0.0177 U
Metals	
Arsenic	2.44 J
Barium	55.4
Cadmium	0.27
Chromium, Trivalent	12.8
Copper	23.6
Lead	**65.9**
Mercury	0.0633
Nickel	20.2
Selenium	<2.25 U
Zinc	79
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000179 UJ

Location	PE44
Sample Name	PE44_20.0
Sample Date	10/08/2024
Sample Depth	20-20.5
VOCs	
Acetone	0.012
Pesticides	
4,4'-DDD	<0.00181 U
4,4'-DDE	<0.00181 U
4,4'-DDT	<0.00181 U
PCBs	
Total PCBs	<0.0183 U
Metals	
Arsenic	2.14
Barium	35.7
Cadmium	<0.276 U
Chromium, Trivalent	12
Copper	24.4
Lead	2.72
Mercury	<0.0331 U
Nickel	16.2
Selenium	<2.3 U
Zinc	45.4
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000184 U

Location	PE37
Sample Name	PE37_19.5
Sample Date	10/07/2024
Sample Depth	19.5-20
VOCs	
Acetone	0.034
Pesticides	
4,4'-DDD	<0.00177 U
4,4'-DDE	<0.00177 U
4,4'-DDT	<0.00177 U
PCBs	
Total PCBs	<0.0179 U
Metals	
Arsenic	<1.35 U
Barium	30
Cadmium	<0.27 U
Chromium, Trivalent	12.2
Copper	9.34
Lead	6.05
Mercury	<0.0324 U
Nickel	15.3
Selenium	<2.25 U
Zinc	17.3
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000178 U

Location	PE45
Sample Name	PE45_19.5
Sample Date	10/08/2024
Sample Depth	19.5-20
VOCs	
Acetone	0.026
Pesticides	
4,4'-DDD	<0.0018 U
4,4'-DDE	<0.0018 U
4,4'-DDT	<0.0018 U
PCBs	
Total PCBs	<0.0182 U
Metals	
Arsenic	2.85
Barium	59.6
Cadmium	<0.275 U
Chromium, Trivalent	16.6
Copper	18.6
Lead	33.4
Mercury	<0.033 U
Nickel	15.6
Selenium	<2.29 U
Zinc	85.5
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000184 U

Location	PE46
Sample Name	PE46_17.5
Sample Date	10/04/2024
Sample Depth	17.5-18
VOCs	
Acetone	0.036
Pesticides	
4,4'-DDD	<0.00203 U
4,4'-DDE	<0.00203 U
4,4'-DDT	<0.00203 U
PCBs	
Total PCBs	<0.0205 U
Metals	
Arsenic	1.87
Barium	101
Cadmium	<0.312 U
Chromium, Trivalent	19.3
Copper	17.8
Lead	29.5
Mercury	0.0696
Nickel	16.3
Selenium	<2.6 U
Zinc	85.1
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000208 U

Location	PE38
Sample Name	PE38_16
Sample Date	08/22/2024
Sample Depth	16-16.5
VOCs	
Acetone	**0.11**
Pesticides	
4,4'-DDD	<0.00355 U
4,4'-DDE	<0.00355 U
4,4'-DDT	<0.00355 U
PCBs	
Total PCBs	<0.0358 U
Metals	
Arsenic	10.9
Barium	324
Cadmium	0.637
Chromium, Trivalent	**37**
Copper	50
Lead	**145**
Mercury	**0.563**
Nickel	29.7
Selenium	<4.55 U
Zinc	**578**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000361 U

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
VOCs			
Acetone	0.05	0.05	100
Pesticides			
4,4'-DDD	0.0033	14	13
4,4'-DDE	0.0033	17	8.9
4,4'-DDT	0.0033	136	7.9
PCBs			
Total PCBs	0.1	3.2	1
Metals			
Arsenic	13	16	16
Barium	350	820	400
Cadmium	2.5	75	4.3
Chromium, Trivalent	30	NS	180
Copper	50	1720	270
Lead	63	450	400
Mercury	0.18	0.73	0.81
Nickel	30	130	310
Selenium	3.9	4	180
Zinc	109	2480	10000
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.001	0.044

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

Legend

- Tax Block
- Tax Parcel
- Documentation Sample Location
- Site Boundary

0 50 100
SCALE IN FEET

REFERENCES:
1. PARCEL INFORMATION FROM MAPPLUTO 21V1 COPYRIGHTED BY THE NEW YORK CITY DEPARTMENT OF PLANNING.
2. DOCUMENTATION SOIL SAMPLE LOCATIONS WERE COLLECTED USING A COMBINATION OF FIELD MEASUREMENTS AND THE ARCGIS COLLECTOR APPLICATION ON A TABLET UTILIZING GPS LOCATION.

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NJ Certification of Authorization No. 24GA27996400

Project
12096 FLATLANDS AVENUE SITE
30 INSPIRATION LANE
(F.K.A 12096 FLATLANDS AVENUE)
BCP SITE NO. C224290
BLOCK No. 4434, LOT No. 10
KINGS COUNTY NEW YORK

Figure Title
DOCUMENTATION SAMPLE ANALYTICAL RESULTS

Project No. 100688801
Date 12/6/2024
Scale 1"=50'
Drawn By IHB
Figure No. 5B

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Path: \\langan.com\data\PAR\data8\100688801\Project Data\ArcGIS\APRX\100688801\100688801_2024.aprx Date: 12/6/2024 User: jjack Time: 4:32 PM

Location	PE58
Sample Name	PE58_21.5
Sample Date	09/11/2024
Sample Depth	21.5-22
VOCs	
Acetone	<0.0053 U
Pesticides	
4,4'-DDD	<0.00179 U
4,4'-DDE	<0.00179 U
4,4'-DDT	<0.00179 U
PCBs	
Total PCBs	0.0612
Metals	
Arsenic	4.62
Barium	193
Cadmium	1.45
Chromium, Trivalent	17.6
Copper	**93.4**
Lead	**362**
Mercury	**0.24**
Nickel	21.2
Selenium	<2.26 U
Zinc	**456**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.000273

Location	PE59
Sample Name	PE59_20
Sample Date	09/11/2024
Sample Depth	20-20.5
VOCs	
Acetone	0.041
Pesticides	
4,4'-DDD	<0.00173 U
4,4'-DDE	<0.00173 U
4,4'-DDT	<0.00173 U
PCBs	
Total PCBs	<0.0174 U
Metals	
Arsenic	1.78
Barium	42
Cadmium	<0.266 U
Chromium, Trivalent	8.91
Copper	9.85
Lead	10.1
Mercury	<0.0319 U
Nickel	18.1
Selenium	<2.21 U
Zinc	52.6
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000176 U

Location	PE68	PE68
Sample Name	PE68_20	DUP_10222024
Sample Date	10/22/2024	10/22/2024
Sample Depth	20-20.5	20-20.5
VOCs		
Acetone	0.041	**0.053**
Pesticides		
4,4'-DDD	<0.00173 U	<0.00176 U
4,4'-DDE	<0.00173 U	<0.00176 U
4,4'-DDT	<0.00173 U	<0.00176 U
PCBs		
Total PCBs	<0.0174 U	<0.0177 U
Metals		
Arsenic	1.97	1.84
Barium	48.5 J	28.7 J
Cadmium	<0.265 U	<0.268 U
Chromium, Trivalent	9.24	9.67
Copper	13.3	13.6
Lead	56.3 J	9.86 J
Mercury	<0.0318 U	0.0524
Nickel	13	13.7
Selenium	<2.21 U	<2.23 U
Zinc	**110 J**	**213 J**
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	<0.000174 U	<0.000177 U

Location	PE52
Sample Name	PE52_19.5
Sample Date	09/24/2024
Sample Depth	19.5-20
VOCs	
Acetone	<0.0061 U
Pesticides	
4,4'-DDD	**0.00756 D**
4,4'-DDE	**0.0105 D**
4,4'-DDT	**0.00711 J**
PCBs	
Total PCBs	**0.615 J**
Metals	
Arsenic	5.96
Barium	210
Cadmium	**3.29**
Chromium, Trivalent	18.1
Copper	**148**
Lead	**454**
Mercury	**0.287**
Nickel	272
Selenium	<2.37 U
Zinc	**596**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.000363

Location	PE60
Sample Name	PE60_19.5
Sample Date	09/24/2024
Sample Depth	19.5-20
VOCs	
Acetone	<0.0056 U
Pesticides	
4,4'-DDD	<0.00197 U
4,4'-DDE	0.00287 D
4,4'-DDT	0.00276 J
PCBs	
Total PCBs	0.0682 J
Metals	
Arsenic	5.47
Barium	300
Cadmium	1.47
Chromium, Trivalent	19.1
Copper	**91.8**
Lead	**342**
Mercury	**0.304**
Nickel	22.7
Selenium	<2.51 U
Zinc	**495**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.000237

Location	PE53
Sample Name	PE53_19.0
Sample Date	10/08/2024
Sample Depth	19-19.5
VOCs	
Acetone	0.017
Pesticides	
4,4'-DDD	**0.00627 D**
4,4'-DDE	**0.00458 D**
4,4'-DDT	0.00287 J
PCBs	
Total PCBs	**0.262 J**
Metals	
Arsenic	**29.4**
Barium	340
Cadmium	1.48
Chromium, Trivalent	**34.8**
Copper	**199**
Lead	**389**
Mercury	**0.304**
Nickel	**63.9**
Selenium	**11.6**
Zinc	**563**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.000524

Location	PE61
Sample Name	PE61_19
Sample Date	10/09/2024
Sample Depth	19-19.5
VOCs	
Acetone	**0.067**
Pesticides	
4,4'-DDD	<0.00213 U
4,4'-DDE	<0.00213 U
4,4'-DDT	<0.00213 U
PCBs	
Total PCBs	<0.0216 U
Metals	
Arsenic	13
Barium	**403**
Cadmium	0.833
Chromium, Trivalent	**32.8**
Copper	**119**
Lead	**455**
Mercury	0.153
Nickel	**44.7**
Selenium	3.1
Zinc	**349**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.00022 U

Location	PE54
Sample Name	PE54_18
Sample Date	10/04/2024
Sample Depth	18-18.5
VOCs	
Acetone	**0.09**
Pesticides	
4,4'-DDD	<0.0018 U
4,4'-DDE	<0.0018 U
4,4'-DDT	<0.0018 U
PCBs	
Total PCBs	<0.0182 U
Metals	
Arsenic	2.02
Barium	473
Cadmium	<0.277 U
Chromium, Trivalent	12.1
Copper	12.7
Lead	20.8
Mercury	0.164
Nickel	21.2
Selenium	<2.31 U
Zinc	81
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000185 U

Location	PE55
Sample Name	PE55_17
Sample Date	10/03/2024
Sample Depth	17-17.5
VOCs	
Acetone	0.041
Pesticides	
4,4'-DDD	<0.00192 U
4,4'-DDE	<0.00192 U
4,4'-DDT	<0.00192 U
PCBs	
Total PCBs	<0.0194 U
Metals	
Arsenic	3.62
Barium	18.4
Cadmium	<0.296 U
Chromium, Trivalent	20.1
Copper	17
Lead	177
Mercury	0.073
Nickel	15.5
Selenium	<2.47 U
Zinc	25.1
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000196 U

Location	PE67
Sample Name	PE67_20.5
Sample Date	10/22/2024
Sample Depth	20.5-21
VOCs	
Acetone	0.03
Pesticides	
4,4'-DDD	<0.0018 U
4,4'-DDE	<0.0018 U
4,4'-DDT	<0.0018 U
PCBs	
Total PCBs	<0.0182 U
Metals	
Arsenic	1.8
Barium	25.1
Cadmium	<0.275 U
Chromium, Trivalent	9.81
Copper	11.3
Lead	9.61
Mercury	<0.033 U
Nickel	16.7
Selenium	<2.29 U
Zinc	43.5
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.00018 U

Location	PE62
Sample Name	PE62_18.0
Sample Date	10/08/2024
Sample Depth	18-18.5
VOCs	
Acetone	0.033
Pesticides	
4,4'-DDD	<0.00181 U
4,4'-DDE	<0.00181 U
4,4'-DDT	<0.00181 U
PCBs	
Total PCBs	<0.0182 U
Metals	
Arsenic	3
Barium	49.6
Cadmium	<0.277 U
Chromium, Trivalent	12.6
Copper	33.2
Lead	29
Mercury	0.0928
Nickel	18
Selenium	<2.31 U
Zinc	55.4
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000185 U

Location	PE57
Sample Name	PE57_22
Sample Date	09/11/2024
Sample Depth	22-22.5
VOCs	
Acetone	0.015
Pesticides	
4,4'-DDD	<0.0019 U
4,4'-DDE	<0.0019 U
4,4'-DDT	<0.0019 U
PCBs	
Total PCBs	**0.11**
Metals	
Arsenic	6.64
Barium	**411**
Cadmium	0.656
Chromium, Trivalent	16.4
Copper	**55**
Lead	**206**
Mercury	**0.692**
Nickel	28
Selenium	<2.41 U
Zinc	**215**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.000314 J

Location	PE56
Sample Name	PE56_15.5
Sample Date	10/24/2024
Sample Depth	15.5-16
VOCs	
Acetone	0.04
Pesticides	
4,4'-DDD	<0.00187 U
4,4'-DDE	<0.00187 U
4,4'-DDT	<0.00187 U
PCBs	
Total PCBs	<0.0189 U
Metals	
Arsenic	3.85
Barium	39.3
Cadmium	0.706
Chromium, Trivalent	20.6
Copper	16.1
Lead	**114**
Mercury	<0.0344 U
Nickel	21.5
Selenium	<2.39 U
Zinc	**589**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.00019 U

Location	PE65
Sample Name	PE65_22
Sample Date	10/25/2024
Sample Depth	22-22.5
VOCs	
Acetone	0.033 J
Pesticides	
4,4'-DDD	<0.00176 U
4,4'-DDE	<0.00176 U
4,4'-DDT	<0.00176 U
PCBs	
Total PCBs	<0.0177 U
Metals	
Arsenic	<1.34 U
Barium	22.8
Cadmium	<0.267 U
Chromium, Trivalent	10.6
Copper	7.1
Lead	4.73
Mercury	<0.0321 U
Nickel	15.3
Selenium	<2.23 U
Zinc	17.4
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000175 U

Location	PE63
Sample Name	PE63_17
Sample Date	10/04/2024
Sample Depth	17-17.5
VOCs	
Acetone	0.037
Pesticides	
4,4'-DDD	<0.00182 U
4,4'-DDE	<0.00182 U
4,4'-DDT	<0.00182 U
PCBs	
Total PCBs	<0.0184 U
Metals	
Arsenic	4.96
Barium	54.6
Cadmium	<0.28 U
Chromium, Trivalent	14
Copper	10.2
Lead	5.39
Mercury	<0.0336 U
Nickel	18.3
Selenium	<2.33 U
Zinc	17.4
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000186 U

Location	PE66
Sample Name	PE66_21
Sample Date	10/25/2024
Sample Depth	21-21.5
VOCs	
Acetone	**0.059**
Pesticides	
4,4'-DDD	<0.00183 U
4,4'-DDE	<0.00183 U
4,4'-DDT	<0.00183 U
PCBs	
Total PCBs	<0.0184 U
Metals	
Arsenic	3.73
Barium	98.7
Cadmium	0.296
Chromium, Trivalent	11
Copper	26.6
Lead	**317**
Mercury	**0.195**
Nickel	12.3
Selenium	<2.31 U
Zinc	105
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000183 U

Location	PE72
Sample Name	PE72_16
Sample Date	10/31/2024
Sample Depth	16-16.5
VOCs	
Acetone	0.023 J
Pesticides	
4,4'-DDD	<0.00186 U
4,4'-DDE	<0.00186 U
4,4'-DDT	<0.00186 U
PCBs	
Total PCBs	<0.0188 U
Metals	
Arsenic	1.72
Barium	23.5
Cadmium	<0.289 U
Chromium, Trivalent	13
Copper	5.46
Lead	4.18
Mercury	<0.0347 U
Nickel	9.47
Selenium	<2.41 U
Zinc	14.7
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000193 U

Location	PE64
Sample Name	PE64_16
Sample Date	10/09/2024
Sample Depth	16-16.5
VOCs	
Acetone	0.012
Pesticides	
4,4'-DDD	<0.00196 U
4,4'-DDE	<0.00196 U
4,4'-DDT	<0.00196 U
PCBs	
Total PCBs	<0.0198 U
Metals	
Arsenic	3.47
Barium	26.8
Cadmium	<0.299 U
Chromium, Trivalent	20.6
Copper	19
Lead	**281**
Mercury	<0.0358 U
Nickel	12.9
Selenium	<2.49 U
Zinc	33.5
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000199 U

Location	PE73
Sample Name	PE73_21.5
Sample Date	10/25/2024
Sample Depth	21.5-22
VOCs	
Acetone	0.039 J
Pesticides	
4,4'-DDD	<0.00177 U
4,4'-DDE	<0.00177 U
4,4'-DDT	<0.00177 U
PCBs	
Total PCBs	<0.0179 U
Metals	
Arsenic	1.71
Barium	10.5
Cadmium	<0.269 U
Chromium, Trivalent	14.6
Copper	10.5
Lead	3.78
Mercury	<0.0323 U
Nickel	22.6
Selenium	<2.24 U
Zinc	18
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000177 U

Location	PE74
Sample Name	PE74_19
Sample Date	10/23/2024
Sample Depth	19-19.5
VOCs	
Acetone	0.042
Pesticides	
4,4'-DDD	<0.00178 U
4,4'-DDE	<0.00178 U
4,4'-DDT	<0.00178 U
PCBs	
Total PCBs	<0.018 U
Metals	
Arsenic	1.53
Barium	13.8
Cadmium	<0.271 U
Chromium, Trivalent	9.82
Copper	8.56
Lead	3.29
Mercury	<0.0325 U
Nickel	12.4
Selenium	<2.26 U
Zinc	12.8
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.00018 U

Location	PE69
Sample Name	PE69_19.5
Sample Date	10/22/2024
Sample Depth	19.5-20
VOCs	
Acetone	**0.061**
Pesticides	
4,4'-DDD	<0.00181 U
4,4'-DDE	<0.00181 U
4,4'-DDT	<0.00181 U
PCBs	
Total PCBs	<0.0183 U
Metals	
Arsenic	4.2
Barium	173
Cadmium	0.826
Chromium, Trivalent	16.7
Copper	**61.2**
Lead	**170**
Mercury	**1.01**
Nickel	17.7
Selenium	<2.32 U
Zinc	**304**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000186 U

Location	PE75
Sample Name	PE75_18
Sample Date	10/23/2024
Sample Depth	18-18.5
VOCs	
Acetone	**0.13**
Pesticides	
4,4'-DDD	<0.00188 U
4,4'-DDE	<0.00188 U
4,4'-DDT	<0.00188 U
PCBs	
Total PCBs	<0.019 U
Metals	
Arsenic	3.37
Barium	149
Cadmium	<0.285 U
Chromium, Trivalent	11.6
Copper	27.8
Lead	**173 J**
Mercury	**0.279 J**
Nickel	12.5
Selenium	<2.38 U
Zinc	**115 J**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000187 U

Location	PE70
Sample Name	PE70_18
Sample Date	10/09/2024
Sample Depth	18-18.5
VOCs	
Acetone	0.028
Pesticides	
4,4'-DDD	<0.00181 U
4,4'-DDE	<0.00181 U
4,4'-DDT	<0.00181 U
PCBs	
Total PCBs	<0.0183 U
Metals	
Arsenic	4.32
Barium	84.5
Cadmium	1.02
Chromium, Trivalent	14.2
Copper	33.1
Lead	**88.7**
Mercury	0.152
Nickel	16.1
Selenium	<2.31 U
Zinc	**178**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000185 U

Location	PE76
Sample Name	PE76_17
Sample Date	10/31/2024
Sample Depth	17-17.5
VOCs	
Acetone	<0.014 U
Pesticides	
4,4'-DDD	<0.0017 U
4,4'-DDE	<0.0017 U
4,4'-DDT	<0.0017 U
PCBs	
Total PCBs	<0.0171 U
Metals	
Arsenic	2.37
Barium	7.37
Cadmium	<0.264 U
Chromium, Trivalent	10.5
Copper	8.09
Lead	3.38
Mercury	<0.0316 U
Nickel	13.4
Selenium	<2.2 U
Zinc	31.4
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000194 U

Location	PE77
Sample Name	PE77_16
Sample Date	10/31/2024
Sample Depth	16-16.5
VOCs	
Acetone	<0.0093 U
Pesticides	
4,4'-DDD	<0.0171 U
4,4'-DDE	<0.0171 U
4,4'-DDT	<0.0171 U
PCBs	
Total PCBs	<0.0172 U
Metals	
Arsenic	1.47
Barium	10.3
Cadmium	<0.265 U
Chromium, Trivalent	9.92
Copper	7.75
Lead	2.51
Mercury	<0.0318 U
Nickel	13
Selenium	<2.21 U
Zinc	13.2
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000195 U

Location	PE71
Sample Name	PE71_17
Sample Date	10/04/2024
Sample Depth	17-17.5
VOCs	
Acetone	<0.0055 U
Pesticides	
4,4'-DDD	<0.0018 U
4,4'-DDE	<0.0018 U
4,4'-DDT	<0.0018 U
PCBs	
Total PCBs	<0.0181 U
Metals	
Arsenic	2.38
Barium	41.1
Cadmium	<0.276 U
Chromium, Trivalent	11.7
Copper	20.7
Lead	379 B
Mercury	0.0333
Nickel	16.5
Selenium	<2.3 U
Zinc	48.7
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000183 U

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
VOCs			
Acetone	0.05	0.05	100
Pesticides			
4,4'-DDD	0.0033	14	13
4,4'-DDE	0.0033	17	8.9
4,4'-DDT	0.0033	136	7.9
PCBs			
Total PCBs	0.1	3.2	1
Metals			
Arsenic	13	16	16
Barium	350	820	400
Cadmium	2.5	7.5	4.3
Chromium, Trivalent	30	NS	180
Copper	50	1720	270
Lead	63	450	400
Mercury	0.18	0.73	0.81
Nickel	30	130	310
Selenium	3.9	4	180
Zinc	109	2480	10000
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.001	0.044

Exceedance Summary:
- **10** - Result exceeds Unrestricted Use SCOs
- 10 - Result exceeds Protection of Groundwater SCOs
- 10 - Result exceeds Restricted Use Restricted-Residential SCOs

Flatlands Avenue

Pennsylvania Avenue

Block: 4434
Lot: 1

Block: 4434
Lot: 10

Block: 4434
Lot: 60

Block: 4435
Lot: 100

Block: 4414
Lot: 7501

PE-1 PE-2 PE-3 PE-4 PE-5 PE-6 PE-7 PE-8
PE-9 PE-10 PE-11 PE-12 PE-13 PE-14 PE-15 PE-16
PE-17 PE-18 PE-19 PE-20 PE-21 PE-22 PE-23 PE-24
PE-25 PE-26 PE-27 PE-28 PE-29 PE-30 PE-31 PE-32
PE-33 PE-34 PE-35 PE-36 PE-37 PE-38 PE-39 PE-40
PE-41 PE-42 PE-43 PE-44 PE-45 PE-46 PE-47 PE-48
PE-49 PE-50 PE-51 PE-52 PE-53 PE-54 PE-55 PE-56
PE-57 PE-58 PE-59 PE-60 PE-61 PE-62 PE-63 PE-64
PE-65 PE-66 PE-67 PE-68 PE-69 PE-70 PE-71 PE-72
PE-73 PE-74 PE-75 PE-76 PE-77

Legend

- Tax Block
- Tax Parcel
- Documentation Sample Location
- Site Boundary

0 50 100
SCALE IN FEET

REFERENCES:
1. PARCEL INFORMATION FROM MAPPLUTO 21V1 COPYRIGHTED BY THE NEW YORK CITY DEPARTMENT OF PLANNING.
2. DOCUMENTATION SOIL SAMPLE LOCATIONS WERE COLLECTED USING A COMBINATION OF FIELD MEASUREMENTS AND THE ARCGIS COLLECTOR APPLICATION ON A TABLET UTILIZING GPS LOCATION.

STATE OF NEW YORK · RONALD D. BOYER · 095574 · LICENSED PROFESSIONAL ENGINEER

Ronald D. Boyer

LANGAN
Langan Engineering and Environmental Services, LLC
300 Kimball Drive
Parsippany, NJ 07054
T: 973.560.4900 F: 973.560.4901 www.langan.com
NJ Certification of Authorization No. 24GA27996400

Project
12096 FLATLANDS AVENUE SITE
30 INSPIRATION LANE
(F.K.A 12096 FLATLANDS AVENUE)
BCP SITE NO. C224290
BLOCK No. 4434, LOT No. 10
KINGS COUNTY NEW YORK

Figure Title
DOCUMENTATION SAMPLE ANALYTICAL RESULTS

Project No. 100688801
Date 12/6/2024
Scale 1"=50'
Drawn By IHB

Figure No. 5C

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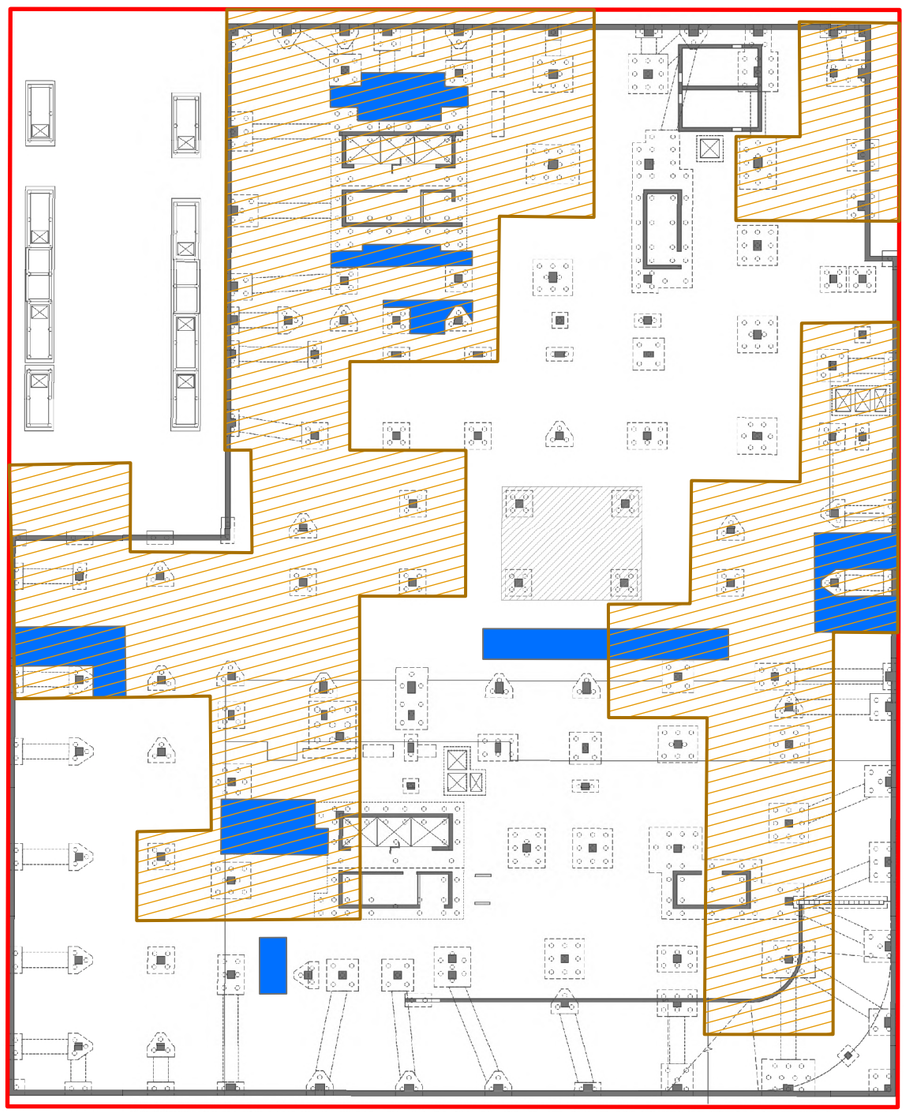
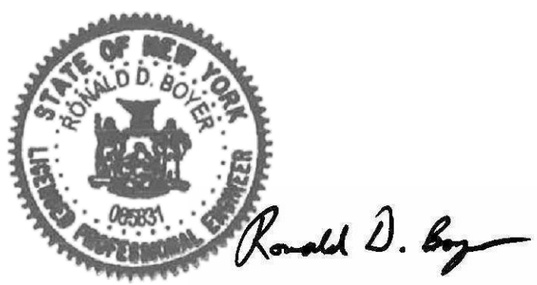
Path: \\langan.com\data\PAR\data8\100688801\Project Data\ArcGIS\APRX\100688801\100688801_2024.aprx Date: 12/6/2024 User: jjack Time: 4:38 PM

Legend

- Site Boundary
- Backfill of NYSDEC Approved on-Soil Reuse Material
- NYSDEC Approved Soil Reuse Source Area





References:
1. Parcel information from MapPLUTO 21v1 copyrighted by the New York City Department of Planning.
2. Base Map referenced from "Segment 1 & 2 - Foundation Overall Plan" prepared by DiSimone Consulting Engineers last revised 4/5/2024.
3. Soil reuse cut and fill areas presented on this drawing are based on visual observations in the field by a Langan representative and field-taping measurements.

40 0 40
SCALE IN FEET

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Parsippany, NJ 07054
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NJ Certification of Authorization No. 24GA27996400

Project
12096 FLATLANDS AVENUE SITE
30 INSPIRATION LANE
(F.K.A 12096 FLATLANDS AVENUE)
BCP SITE NO. C224290
BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Figure Title
SOIL REUSE LOCATION MAP

Project No.	100688801
Date	12/9/2024
Scale	1"=40'
Drawn By	IHB
Figure No.	6

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Path: \\Langan.com\data\PAR\data8\100688801\Project Data\ArcGIS\APRX\100688801\100688801_2024.aprx Date: 12/9/2024 User: jjack Time: 1:01 PM

Legend

- Site Boundary
- 0.75 Inch Stone
- Clean Fill
- DGA
- Sand

N
W
E
S

References:
1. Parcel information from MapPLUTO 21v1 copyrighted by the New York City Department of Planning.
2. Base Map referenced from "Segment 1 & 2 - Foundation Overall Plan" prepared by DiSimone Consulting Engineers last revised 4/5/2024.
3. Backfill areas presented on this drawing are based on visual observations in the field by a Langan representative and field-taping measurements.

40 0 40
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Project
12096 FLATLANDS AVENUE SITE
30 INSPIRATION LANE
(F.K.A 12096 FLATLANDS AVENUE)
BCP SITE NO. C224290
BLOCK No. 4434, LOT No. 10
BROOKLYN
KINGS COUNTY NEW YORK

Figure Title
IMPORTED MATERIAL BACKFILL LOCATION MAP

Project No. 100688801
Date 12/9/2024
Scale 1"=40'
Drawn By IHB

Figure No. 7

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Path: \\Langan.com\data\PAR\data8\100688801\Project Data\ArcGIS\APRX\100688801\100688801_2024.aprx Date: 12/9/2024 User: jjack Time: 1:00 PM

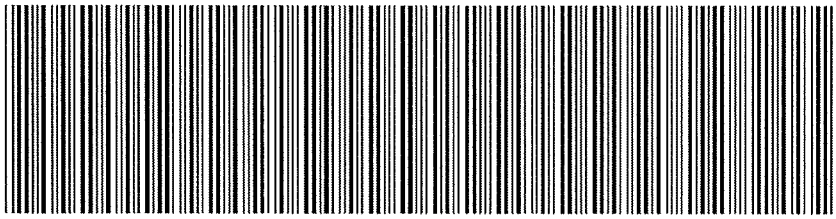
APPENDIX A

Environmental Easement, Site Survey and Metes/Bounds Description

LANGAN

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.



2024102801004001001E4F7D

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 13**

Document ID: 2024102801004001 Document Date: 10-10-2024 Preparation Date: 10-28-2024
Document Type: EASEMENT
Document Page Count: 11

PRESENTER:	**RETURN TO:**
81310185/2465957 STEWART TITLE INSURANCE COMPANY 711 WESTCHESTER AVENUE, SUITE 302 WHITE PLAINS, NY 10604 914-993-9393 NYMETRORECORDINGS@STEWART.COM	81310185/2465957 STEWART TITLE INSURANCE COMPANY 711 WESTCHESTER AVENUE, SUITE 302 WHITE PLAINS, NY 10604 914-993-9393 NYMETRORECORDINGS@STEWART.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	4434	10	Entire Lot	30 INSPIRATION LANE

Property Type: RESIDENTIAL VACANT LAND Easement

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:	**GRANTEE/BUYER:**
IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION 12020 FLATLANDS AVENUE BROOKLYN, NY 11207	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION 625 BROADWAY, 14TH FLOOR ALBANY, NY 12233-1500

☒ Additional Parties Listed on Continuation Page

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	92.00
Affidavit Fee:	$	0.00

Filing Fee:	
$	100.00
NYC Real Property Transfer Tax:	
$	0.00
NYS Real Estate Transfer Tax:	
$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 10-30-2024 11:18
City Register File No.(CRFN): **2024000281751**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2024102801004001001C4DFD

Document ID: 2024102801004001 Document Date: 10-10-2024 Preparation Date: 10-28-2024
Document Type: EASEMENT

PARTIES

GRANTOR/SELLER:
IUV PHASE 1 OWNER, LLC
432 PARK AVENUE SOUTH, 2ND FLOOR
NEW YORK, NY 10016

GRANTOR/SELLER:
IUV PHASE 1 LIHTC OWNER, LLC
432 PARK AVENUE SOUTH, 2ND FLOOR
NEW YORK, NY 10016

81310185

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made as of this 10th day of October, 2024, between Owner(s), IUV Phase 1A Housing Development Fund Corporation (Grantor Fee Owner), with an address of 12020 Flatlands Avenue, Brooklyn, New York, IUV Phase 1 Owner, LLC (Grantor Beneficial Owner), having an office at 432 Park Avenue South, Second Floor, New York, New York, and IUV Phase 1 LIHTC Owner, LLC (Grantor Leaseholder, and together with Grantor Fee Owner and Grantor Beneficial Owner, collectively, the "Grantor"), with an address of 432 Park Avenue South, Second Floor, New York, New York, and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor Fee Owner, is the owner of real property located at the address of 30 Inspiration Lane (a/k/a 12906 Flatlands Avenue) in the City of Brooklyn, County of Kings and State of New York, known and designated on the tax map of the County Clerk of Kings as tax map parcel number: Block 4434 Lot 10, being the same as that property conveyed to Grantor Fee Owner by deed dated March 27, 2024 and recorded in the City Register of the City of New York in CRFN: 2024000081339. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 1.572 +/- acres and is hereinafter more fully described in the Land Title Survey dated October 31, 2023, prepared by William Theodore Whimple, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A;

WHEREAS, Grantor Beneficial Owner, is the owner of the beneficial interest in the Controlled Property being the same as a portion of that beneficial interest conveyed to Grantor Beneficial Owner by means of a Declaration of Interest and Nominee Agreement between Grantor Fee Owner and Grantor Beneficial Owner dated as of March 27, 2024 and recorded in City Register of the City of New York on April 1, 2024 as CRFN # 2024000081340;

WHEREAS, Grantor Leaseholder, is the holder of a 65-year Lessee interest in the Controlled Property, as memorialized in a Memorandum of Master Lease dated March 27, 2024 and recorded in the City Register of the City of New York on April 1, 2024 as CRFN # 2024000081341; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C224290-04-19, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a

https://a836-acris.nyc.gov/DS/DocumentSearch/DocumentImageView?doc_id=2024102801004001

manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Kings County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled

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Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

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4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to: Site Number: C224290
Office of General Counsel
NYSDEC
625 Broadway

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Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

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IN WITNESS WHEREOF, Grantor Fee Owner has caused this instrument to be signed in its name.

IUV Phase 1A Housing Development Fund Corporation:

By: James Halek

Print Name: James Halek

Title: Treasurer Date: 9-26-2024

Grantor's Acknowledgment

STATE OF TEXAS)
) ss:
COUNTY OF Denton)

On the 26 day of September, in the year 2024, before me, the undersigned, personally appeared James Halek, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Nellie Halek
Notary Public - State of Texas

NELLIE HALEK
Notary Public, State of Texas
Comm. Expires 04-19-2028
Notary ID 11945201

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IN WITNESS WHEREOF, Grantor Beneficial Owner has caused this instrument to be signed in its name.

IUV Phase 1 Owner, LLC:

By: _____

Print Name: DAVID L. PICKET

Title: AUTHORIZED SIGNATORY Date: SEPT. 12, 2024

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF New York)

On the 12th day of September in the year 2024, before me, the undersigned, personally appeared David L. Picket personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

LISA GERECITANO
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01GE6350245
Qualified In Kings County
Commission Expires November 7, 2024

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IN WITNESS WHEREOF, Grantor Leaseholder has caused this instrument to be signed in its name.

IUV Phase I ~~LIHTC~~ Owner, ~~LLC~~

By: _____

Print Name: DAVID L. PICKET

Title: AUTHORIZED SIGNATORY Date: SEPT. 12, 2024

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF New York)

On the 12th day of September, in the year 2024, before me, the undersigned, personally appeared David L. Picket, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

LISA GERECITANO
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01GE6350245
Qualified in Kings County
Commission Expires November 7, 2024

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THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Andrew O. Guglielmi, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 10th day of October, in the year 2024 before me, the undersigned, personally appeared Andrew O. Guglielmi, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

Cheryl A. Salem
Notary Public State of New York
Registration No. 01SA0002177
Qualified in Albany County
My Commission Expires March 3, 2027

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SCHEDULE "A" PROPERTY DESCRIPTION

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING, BEING IN THE BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIPTION AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE SOUTHERLY RIGHT OF WAY LINE OF FLATLANDS AVENUE (110 FEET WIDE PUBLIC RIGHT OF WAY) AND THE WESTERLY RIGHT OF WAY LINE OF PENNSYLVANIA AVENUE (120 FEET WIDE PUBLIC RIGHT OF WAY), THENCE THE FOLLOWING FOUR (4) COURSES AND DISTANCES:

1) SOUTHERLY, ALONG THE WESTERLY SIDE OF PENNSYLVANIA AVENUE, A DISTANCE OF 290.91 FEET TO A POINT;
2) WESTERLY, AT RIGHT ANGLES WITH THE PREVIOUS COURSE, A DISTANCE OF 235.32 FEET TO A POINT;
3) NORTHERLY, AT RIGHT ANGLES WITH THE PREVIOUS COURSE, A DISTANCE OF 290.91 FEET TO A POINT ON THE SOUTHERLY SIDE OF FLATLANDS AVENUE;
4) EASTERLY, ALONG THE SOUTHERLY SIDE OF FLATLANDS AVENUE, AT RIGHT ANGLES WITH THE PREVIOUS COURSE, A DISTANCE OF 235.32 FEET TO THE POINT OR PLACE OF BEGINNING.

CONTAINING 68,457± S.F. OR 1.572± ACRES.

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APPENDIX B

NYSDEC BCP Agreement and Amendments

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Office of the Director
625 Broadway, 12th Floor, Albany, New York 12233-7011
P: (518) 402-9706 | F: (518) 402-9020
www.dec.ny.gov

Stephen Strateman
Innovative Urban Living, LLC
c/o Gotham Organization, LLC
432 Park Ave South, Second Floor
New York, NY 10016

MAY 31 2019

RE: Site Name: 12096 Flatlands Avenue
Site No.: C224290
Location of Site: 12096 Flatlands Avenue, Kings County, Brooklyn, NY 11207

Dear Mr. Strateman:

To complete your file, attached is a fully executed copy of the Brownfield Cleanup Agreement for the 12096 Flatlands Avenue Site.

If you have any further questions relating to this matter, please contact the project attorney for this site, James Simpson, Esq., NYS Department of Environmental Conservation, Office of General Counsel, 1 Hunter's Point Plaza, 47-40 21st Street, Long Island City, NY 11101-5401 or by email at james.simpson@dec.ny.gov.

Sincerely,

Michael J. Ryan, P.E.
Director
Division of Environmental Remediation

Enclosure

ec: Steven Wu, Project Manager

cc: James Simpson, Esq.
Jennifer Andaloro, Esq./Lisa Kranick

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BROWNFIELD CLEANUP PROGRAM
ECL §27-1401 *et seq.*

In the Matter of a Remedial Program for

BROWNFIELD SITE CLEANUP AGREEMENT
Index No. C224290-04-19

12096 Flatlands Avenue
DEC Site No:C224290
Located at: 12096 Flatlands Avenue
Kings County
Brooklyn, NY 11207

Hereinafter referred to as "Site"

by:

Innovative Urban Living, LLC
c/o Gotham Organization, LLC, New York, NY 10016

Hereinafter referred to as "Applicant"

WHEREAS, the Department of Environmental Conservation ("Department") is authorized to administer the Brownfield Cleanup Program ("BCP") set forth in Article 27, Title 14 of the Environmental Conservation Law ("ECL"); and

WHEREAS, the Applicant submitted an application received by the Department on December 17, 2018; and

WHEREAS, the Department has determined that the Site and Applicant are eligible to participate in the BCP.

NOW, THEREFORE, IN CONSIDERATION OF AND IN EXCHANGE FOR THE MUTUAL COVENANTS AND PROMISES, THE PARTIES AGREE TO THE FOLLOWING:

I. Applicant Status

The Applicant, Innovative Urban Living, LLC, is participating in the BCP as a Volunteer as defined in ECL 27-1405(1)(b).

II. Tangible Property Tax Credit Status

. The Department has determined that the Site is eligible for tangible property tax credits pursuant to ECL § 27-1407(1-a) because the Site is located in a City having a population of one million or more and at least half of the site area is located in an environmental zone as defined in section twenty-one of the tax law. The Applicant acknowledges that the Department made this determination in reliance on information submitted to the Department by the Applicant.

III. Real Property

The Site subject to this Brownfield Cleanup Agreement (the "BCA" or "Agreement") consists of approximately 1.572 acres, a Map of which is attached as Exhibit "A", and is described as follows:

Tax Map/Parcel No.: 4434-10
Street Number: 12096 Flatlands Avenue, Brooklyn
Owner: Christian Cultural Center, Inc.

IV. Communications

A. All written communications required by this Agreement shall be transmitted by United States Postal Service, by private courier service, by hand delivery, or by electronic mail.

1. Communication from Applicant shall be sent to:

Steven Wu
New York State Department of Environmental Conservation
Division of Environmental Remediation
One Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101
steven.wu@dec.ny.gov

Note: one hard copy (unbound) of work plans and reports is required, as well as one electronic copy.

Christine Vooris (electronic copy only)
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
christine.vooris@health.ny.gov

James Simpson, Esq. (correspondence only)
New York State Department of Environmental Conservation
Office of General Counsel
One Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101
james.simpson@dec.ny.gov

2. Communication from the Department to Applicant shall be sent to:

Innovative Urban Living, LLC
Attn: Stephen Strateman
c/o Gotham Organization, LLC
432 Park Ave South, Second Floor
New York, NY 10016
sstrateman@gothamorg.com

Linda Shaw, Esq.
Knauf Shaw LLP
1400 Crossroads Building
2 State Street
Rochester, NY 14614-1365
lshaw@nyenvlaw.com

B. The Department and Applicant reserve the right to designate additional or different addressees for communication on written notice to the other. Additionally, the Department reserves the right to request that the Applicant provide more than one paper copy of any work plan or report.

C. Each party shall notify the other within ninety (90) days after any change in the addresses listed in this paragraph or in Paragraph III.

V. Miscellaneous

A. Applicant acknowledges that it has read, understands, and agrees to abide by all the terms set forth in Appendix A - "Standard Clauses for All New York State Brownfield Site Cleanup Agreements" which is attached to and hereby made a part of this Agreement as if set forth fully herein.

B. In the event of a conflict between the terms of this BCA (including any and all attachments thereto and amendments thereof) and the terms of Appendix A, the terms of this BCA shall control.

C. The effective date of this Agreement is the date it is signed by the Commissioner or the Commissioner's designee.

DATED:

MAY 31 2019

THIS BROWNFIELD CLEANUP AGREEMENT IS HEREBY APPROVED, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____

Michael J. Ryan, P.E., Director
Division of Environmental Remediation

CONSENT BY APPLICANT

Applicant hereby consents to the issuing and entering of this Agreement, and agrees to be bound by this Agreement.

Innovative Urban Living, LLC

By: _____; David L. Picket

Title: Authorized Signatory

Date: 5/15/19

STATE OF NEW YORK)
) ss:
COUNTY OF)

On the 15th day of May in the year 2019, before me, the undersigned, personally appeared DAVID L. PICKET, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

CYNTHIA L. WEISBERG
Notary Public State of New York
No. 01WE6328395
Qualified in Kings County
Commission Expires July 27, 2019

_____
Signature and Office of individual taking acknowledgment

EXHIBIT A
SITE MAP

APPENDIX A

STANDARD CLAUSES FOR ALL NEW YORK STATE BROWNFIELD SITE CLEANUP AGREEMENTS

The parties to the Brownfield Site Cleanup Agreement (hereinafter "BCA" or "Agreement") agree to be bound by the following clauses which are hereby made a part of the BCA. The word "Applicant" herein refers to any party to the Agreement, other than the New York State Department of Environmental Conservation (herein after "Department").

I. Citizen Participation Plan

Within twenty (20) days after the effective date of this Agreement, Applicant shall submit for review and approval a written citizen participation plan prepared in accordance with the requirements of Environmental Conservation Law (ECL) § 27-1417 and 6 NYCRR §§ 375-1.10 and 375-3.10. Upon approval, the Citizen Participation Plan shall be deemed to be incorporated into and made a part of this Agreement.

II. Development, Performance, and Reporting of Work Plans

A. Work Plan Requirements

The work plans ("Work Plan" or "Work Plans") under this Agreement shall be prepared and implemented in accordance with the requirements of ECL Article 27, Title 14, 6 NYCRR §§ 375-1.6(a) and 375-3.6, and all applicable laws, rules, regulations, and guidance documents. The Work Plans shall be captioned as follows:

1. "Remedial Investigation Work Plan" if the Work Plan provides for the investigation of the nature and extent of contamination within the boundaries of the Site and, if the Applicant is a "Participant", the extent of contamination emanating from such Site. If the Applicant is a "Volunteer" it shall perform a qualitative exposure assessment of the contamination emanating from the Site in accordance with ECL § 27-1415(2)(b) and Department guidance;

2. "Remedial Work Plan" if the Work Plan provides for the development and implementation of a Remedial Program for contamination within the boundaries of the Site and, if the Applicant is a "Participant", the contamination that has emanated from such Site;

3. "IRM Work Plan" if the Work Plan provides for an interim remedial measure; or

4. "Site Management Plan" if the Work Plan provides for the identification and implementation of institutional and/or engineering controls as well as any necessary monitoring and/or operation and maintenance of the remedy.

5. "Supplemental" if additional work plans other than those set forth in II.A.1-4 are required to be prepared and implemented.

B. Submission/Implementation of Work Plans

1. The first proposed Work Plan to be submitted under this Agreement shall be submitted no later than thirty (30) days after the effective date of this Agreement. Thereafter, the Applicant shall submit such other and additional work plans as determined in a schedule to be approved by the Department.

2. Any proposed Work Plan shall be submitted for the Department's review and approval and shall include, at a minimum, a chronological description of the anticipated activities to be conducted in accordance with current guidance, a schedule for performance of those activities, and sufficient detail to allow the Department to evaluate that Work Plan. The Department shall use best efforts in accordance with 6 NYCRR § 375-3.6(b) to approve, modify, or reject a proposed Work Plan within forty-five (45) days from its receipt or within fifteen (15) days from the close of the comment period, if applicable, whichever is later.

i. Upon the Department's written approval of a Work Plan, such Department-approved Work Plan shall be deemed to be incorporated into and made a part of this Agreement and shall be implemented in accordance with the schedule contained therein. All work undertaken as part of a remedial program for a Site must be detailed in a department-approved Work Plan or a submittal approved in form and content by the Department.

ii. If the Department requires modification of a Work Plan, the reason for such modification shall be provided in writing and the

provisions of 6 NYCRR § 375-1.6(d)(3) shall apply.

iii. If the Department disapproves a Work Plan, the reason for such disapproval shall be provided in writing and the provisions of 6 NYCRR § 375-1.6(d)(4) shall apply.

3. A Site Management Plan, if necessary, shall be submitted in accordance with the schedule set forth in the IRM Work Plan or Remedial Work Plan.

C. Submission of Final Reports

1. In accordance with the schedule contained in an approved Work Plan, Applicant shall submit a Final Report for an Investigation Work Plan prepared in accordance with ECL § 27-1411(1) and 6 NYCRR § 375-1.6. If such Final Report concludes that no remediation is necessary, and the Site does not meet the requirements for Track 1, Applicant shall submit an Alternatives Analysis prepared in accordance with ECL § 27-1413 and 6 NYCRR § 375-3.8(f) that supports such determination.

2. In accordance with the schedule contained in an approved Work Plan, Applicant shall submit a Final Engineering Report certifying that remediation of the Site has been performed in accordance with the requirements of ECL §§ 27-1419(1) and (2) and 6 NYCRR § 375-1.6. The Department shall review such Report, the submittals made pursuant to this Agreement, and any other relevant information regarding the Site and make a determination as to whether the goals of the remedial program have been or will be achieved in accordance with established timeframes; if so, a written Certificate of Completion will be issued in accordance with ECL § 27-1419, 6 NYCRR §§ 375-1.9 and 375-3.9.

3. Within sixty (60) days of the Department's approval of a Final Report, Applicant shall submit such additional Work Plans as it proposes to implement. In addition, Applicant shall include with every report submitted to the Department a schedule for the submission of any subsequent work plan required to meet the requirements of ECL Article 27 Title 14. Failure to submit any additional Work Plans within such period shall, unless other Work Plans are under review by the Department or being implemented by Applicant, result in the termination of this Agreement pursuant to Paragraph XII.

D. Review of Submittals other than Work Plans

1. The Department shall timely notify Applicant in writing of its approval or disapproval of each submittal other than a Work Plan in accordance with 6 NYCRR § 375-1.6. All Department-approved submittals shall be incorporated into and become an enforceable part of this Agreement.

2. If the Department disapproves a submittal covered by this Subparagraph, it shall specify the reason for its disapproval and may request Applicant to modify or expand the submittal. Within fifteen (15) days after receiving written notice that Applicant's submittal has been disapproved, Applicant shall elect in writing to either (i) modify or expand it within thirty (30) days of receipt of the written notice of disapproval; (ii) complete any other Department-approved Work Plan(s); (iii) invoke dispute resolution pursuant to Paragraph XIII; or (iv) terminate this Agreement pursuant to Paragraph XII. If Applicant submits a revised submittal and it is disapproved, the Department and Applicant may pursue whatever remedies may be available under this Agreement or under law. All work undertaken as part of a remedial program, including work undertaken pursuant to submittals other than Work Plans, must be approved by the department prior to implementation by the Applicant.

E. Department's Determination of Need for Remediation

The Department shall determine upon its approval of each Final Report dealing with the investigation of the Site whether remediation, or additional remediation as the case may be, is needed for protection of public health and the environment.

1. If the Department makes a preliminary determination that remediation, or additional remediation, is not needed for protection of public health and the environment, the Department shall notify the public of such determination and seek public comment in accordance with ECL § 27-1417(3)(f). The Department shall provide timely notification to the Applicant of its final determination following the close of the public comment period.

2. If the Department determines that additional remediation is not needed and such determination is based upon use restrictions, Applicant shall cause to be recorded an Environmental Easement in accordance with 6 NYCRR § 375-1.8(h).

3. If the Department determines that remediation, or additional remediation, is needed, Applicant may elect to submit for review and approval a proposed Remedial Work Plan (or modify an existing Work Plan for the Site) for a remedy selected upon due consideration of the factors set forth in ECL § 27-1415(3) and 6 NYCRR § 375-1.8(f). A proposed Remedial Work Plan addressing the Site's remediation will be noticed for public comment in accordance with ECL § 27-1417(3)(f) and the Citizen Participation Plan developed pursuant to this Agreement. If the Department determines following the close of the public comment period that modifications to the proposed Remedial Work Plan are needed, Applicant agrees to negotiate appropriate modifications to such Work Plan. If Applicant elects not to develop a Work Plan under this Subparagraph then this Agreement shall terminate in accordance with Paragraph XII. If the Applicant elects to develop a Work Plan, then it will be reviewed in accordance with Paragraph II.D above.

F. Institutional/Engineering Control Certification

In the event that the remedy for the Site, if any, or any Work Plan for the Site, requires institutional or engineering controls, Applicant shall submit a written certification in accordance with 6 NYCRR §§ 375-1.8(h)(3) and 375-3.8(h)(2).

III. Enforcement

Except as provided in Paragraph V, this Agreement shall be enforceable as a contractual agreement under the laws of the State of New York. Applicant shall not suffer any penalty except as provided in Paragraph V, or be subject to any proceeding or action if it cannot comply with any requirement of this Agreement as a result of a Force Majeure Event as described at 6 NYCRR § 375-1.5(b)(4) provided Applicant complies with the requirements set forth therein.

IV. Entry upon Site

A. Applicant hereby agrees to provide access to the Site and to all relevant information regarding activities at the Site in accordance with the provisions of ECL § 27-1431. Applicant agrees to provide the Department upon request with proof of access if it is not the owner of the Site.

B. The Department shall have the right to periodically inspect the Site to ensure that the use of the property complies with the terms and conditions of this Agreement. The Department will generally conduct such inspections during business hours, but retains the right to inspect at any time.

C. Failure to provide access as provided for under this Paragraph may result in termination of this Agreement pursuant to Paragraph XII.

V. Payment of State Costs (Applicable only to Applicants with Participant Status)

A. Within forty-five (45) days after receipt of an itemized invoice from the Department, Applicant shall pay to the Department a sum of money which shall represent reimbursement for State Costs as provided by 6 NYCRR § 375-1.5 (b)(3)(i).

B. Costs shall be documented as provided by 6 NYCRR § 375-1.5(b)(3)(ii). The Department shall not be required to provide any other documentation of costs, provided however, that the Department's records shall be available consistent with, and in accordance with, Article 6 of the Public Officers Law.

C. Each such payment shall be made payable to the "Commissioner of NYSDEC" and shall be sent to:

Director, Bureau of Program Management
Division of Environmental Remediation
New York State
Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7012

D. Each party shall provide written notification to the other within ninety (90) days of any change in the foregoing addresses.

E. If Applicant objects to any invoiced costs under this Agreement, the provisions of 6 NYCRR §§ 375-1.5 (b)(3)(v) and (vi) shall apply.

Objections shall be sent to the Department as provided under subparagraph V.C above.

F. In the event of non-payment of any invoice within the 45 days provided herein, the Department may seek enforcement of this provision pursuant to Paragraph III or the Department may commence an enforcement action for non-compliance with ECL § 27-1409(2) and ECL § 71-4003.

VI. Liability Limitation

Subsequent to the issuance of a Certificate of Completion pursuant to this Agreement, Applicant shall be entitled to the Liability Limitation set forth at ECL § 27-1421, subject to the terms and conditions stated therein and to the provisions of 6 NYCRR §§ 375-1.9 and 375-3.9.

VII. Reservation of Rights

A. Except as provided in Subparagraph VII.B, Applicant reserves all rights and defenses under applicable law to contest, defend against, dispute, or disprove any action, proceeding, allegation, assertion, determination, or order of the Department, including any assertion of remedial liability by the Department against Applicant, and further reserves all rights including the rights to notice, to be heard, to appeal, and to any other due process respecting any action or proceeding by the Department, including the enforcement of this Agreement. The existence of this Agreement or Applicant's compliance with it shall not be construed as an admission of any liability, fault, wrongdoing, or violation of law by Applicant, and shall not give rise to any presumption of law or finding of fact which shall inure to the benefit of any third party.

B. Notwithstanding the foregoing, Applicant hereby waives any right it may have to make a claim pursuant to Article 12 of the Navigation Law with respect to the Site and releases the State and the New York Environmental Protection and Spill Compensation Fund from any and all legal or equitable claims, suits, causes of action, or demands whatsoever with respect to the Site that Applicant may have as a result of Applicant's entering into or fulfilling the terms of this Agreement.

VIII. Indemnification

Applicant shall indemnify and hold the Department, the State of New York, and their representatives and employees harmless from any claim, suit, action, and cost of every name and description arising out of or resulting from the fulfillment or attempted fulfillment of this Agreement by Applicant prior to the Termination Date except for those claims, suits, actions, and costs arising from the State's gross negligence or willful or intentional misconduct by the Department, the State of New York, and/or their representatives and employees during the course of any activities conducted pursuant to this Agreement. In the event that the Applicant is a Participant, this provision shall also include the Trustee of the State's Natural Resources. The Department shall provide Applicant with written notice no less than thirty (30) days prior to commencing a lawsuit seeking indemnification pursuant to this Paragraph.

IX. Change of Use

Applicant shall notify the Department at least sixty (60) days in advance of any change of use, as defined in ECL § 27-1425, which is proposed for the Site, in accordance with the provisions of 6 NYCRR § 375-1.11(d). In the event the Department determines that the proposed change of use is prohibited, the Department shall notify Applicant of such determination within forty-five (45) days of receipt of such notice.

X. Environmental Easement

A. Within thirty (30) days after the Department's approval of a Remedial Work Plan which relies upon one or more institutional and/or engineering controls, or within sixty (60) days after the Department's determination pursuant to Subparagraph II.E.2 that additional remediation is not needed based upon use restrictions, Applicant shall submit to the Department for approval an Environmental Easement to run with the land in favor of the State which complies with the requirements of ECL Article 71, Title 36 and 6 NYCRR § 375-1.8(h)(2). Applicant shall cause such instrument to be recorded with the recording officer for the county in which the Site is located within thirty (30) days after the Department's approval of such instrument. Applicant shall provide the Department with a copy of such instrument certified by the recording officer to be a true and faithful copy within thirty (30) days of such recording (or such longer period of time as may be required to obtain a certified copy

provided Applicant advises the Department of the status of its efforts to obtain same within such thirty (30) day period), which shall be deemed to be incorporated into this Agreement.

B. Applicant or the owner of the Site may petition the Department to modify or extinguish the Environmental Easement filed pursuant to this Agreement at such time as it can certify that the Site is protective of public health and the environment without reliance upon the restrictions set forth in such instrument. Such certification shall be made by a Professional Engineer or Qualified Environmental Professional as defined at 6 NYCRR § 375-1.2(ak) approved by the Department. The Department will not unreasonably withhold its consent.

XI. Progress Reports

Applicant shall submit a written progress report of its actions under this Agreement to the parties identified in Subparagraph III.A.1 of the Agreement by the 10th day of each month commencing with the month subsequent to the approval of the first Work Plan and ending with the Termination Date, unless a different frequency is set forth in a Work Plan. Such reports shall, at a minimum, include: all actions relative to the Site during the previous reporting period and those anticipated for the next reporting period; all approved activity modifications (changes of work scope and/or schedule); all results of sampling and tests and all other data received or generated by or on behalf of Applicant in connection with this Site, whether under this Agreement or otherwise, in the previous reporting period, including quality assurance/quality control information; information regarding percentage of completion; unresolved delays encountered or anticipated that may affect the future schedule and efforts made to mitigate such delays; and information regarding activities undertaken in support of the Citizen Participation Plan during the previous reporting period and those anticipated for the next reporting period.

XII. Termination of Agreement

Applicant or the Department may terminate this Agreement consistent with the provisions of 6 NYCRR §§ 375-3.5(b), (c), and (d) by providing written notification to the parties listed in Paragraph IV of the Agreement.

XIII. Dispute Resolution

A. In the event disputes arise under this Agreement, Applicant may, within fifteen (15) days after Applicant knew or should have known of the facts which are the basis of the dispute, initiate dispute resolution in accordance with the provisions of 6 NYCRR § 375-1.5(b)(2).

B. All cost incurred by the Department associated with dispute resolution are State costs subject to reimbursement pursuant to Paragraph V of Appendix A of this Agreement, if applicable.

C. Notwithstanding any other rights otherwise authorized in law or equity, any disputes pursuant to this Agreement shall be limited to Departmental decisions on remedial activities. In no event shall such dispute authorize a challenge to the applicable statute or regulation.

XIV. Miscellaneous

A. If the information provided and any certifications made by Applicant are not materially accurate and complete, this Agreement, except with respect to Applicant's obligations pursuant to Paragraphs V, if applicable, and VII.B, and VIII, shall be null and void ab initio fifteen (15) days after the Department's notification of such inaccuracy or incompleteness or fifteen (15) days after issuance of a final decision resolving a dispute pursuant to Paragraph XIII, whichever is later, unless Applicant submits information within that fifteen (15) day time period indicating that the information provided and the certifications made were materially accurate and complete. In the event this Agreement is rendered null and void, any Certificate of Completion and/or Liability Limitation that may have been issued or may have arisen under this Agreement shall also be null and void ab initio, and the Department shall reserve all rights that it may have under law.

B. By entering into this Agreement, Applicant agrees to comply with and be bound by the provisions of 6 NYCRR §§ 375-1, 375-3 and 375-6; the provisions of such subparts that are referenced herein are referenced for clarity and convenience only and the failure of this Agreement to specifically reference any particular regulatory provision is not intended to imply that such provision is not applicable to activities performed under this Agreement.

C. The Department may exempt Applicant from the requirement to obtain any state or local

permit or other authorization for any activity conducted pursuant to this Agreement in accordance with 6 NYCRR §§ 375-1.12(b), (c), and (d).

D. 1. Applicant shall use "best efforts" to obtain all Site access, permits, easements, approvals, institutional controls, and/or authorizations necessary to perform Applicant's obligations under this Agreement, including all Department-approved Work Plans and the schedules contained therein. If, despite Applicant's best efforts, any access, permits, easements, approvals, institutional controls, or authorizations cannot be obtained, Applicant shall promptly notify the Department and include a summary of the steps taken. The Department may, as it deems appropriate and within its authority, assist Applicant in obtaining same.

2. If an interest in property is needed to implement an institutional control required by a Work Plan and such interest cannot be obtained, the Department may require Applicant to modify the Work Plan pursuant to 6 NYCRR § 375-1.6(d)(3) to reflect changes necessitated by Applicant's inability to obtain such interest.

E. The paragraph headings set forth in this Agreement are included for convenience of reference only and shall be disregarded in the construction and interpretation of any provisions of this Agreement.

F. 1. The terms of this Agreement shall constitute the complete and entire agreement between the Department and Applicant concerning the implementation of the activities required by this Agreement. No term, condition, understanding, or agreement purporting to modify or vary any term of this Agreement shall be binding unless made in writing and subscribed by the party to be bound. No informal advice, guidance, suggestion, or comment by the Department shall be construed as relieving Applicant of its obligation to obtain such formal approvals as may be required by this Agreement. In the event of a conflict between the terms of this Agreement and any Work Plan submitted pursuant to this Agreement, the terms of this Agreement shall control over the terms of the Work Plan(s). Applicant consents to and agrees not to contest the authority and jurisdiction of the Department to enter into or enforce this Agreement.

2. i. Except as set forth herein, if Applicant desires that any provision of this Agreement be changed, Applicant shall make timely written application to the Commissioner with copies to the parties in Subparagraph IV.A.1 of the Agreement.

ii. If Applicant seeks to modify an approved Work Plan, a written request shall be made to the Department's project manager, with copies to the parties listed in Subparagraph IV.A.1 of the Agreement.

iii. Requests for a change to a time frame set forth in this Agreement shall be made in writing to the Department's project attorney and project manager; such requests shall not be unreasonably denied and a written response to such requests shall be sent to Applicant promptly.

G. 1. If there are multiple parties signing this Agreement, the term "Applicant" shall be read in the plural, the obligations of each such party under this Agreement are joint and several, and the insolvency of or failure by any Applicant to implement any obligations under this Agreement shall not affect the obligations of the remaining Applicant(s) under this Agreement.

2. If Applicant is a partnership, the obligations of all general partners (including limited partners who act as general partners) under this Agreement are joint and several and the insolvency or failure of any general partner to implement any obligations under this Agreement shall not affect the obligations of the remaining partner(s) under this Agreement.

3. Notwithstanding the foregoing Subparagraphs XIV.G.1 and 2, if multiple parties sign this Agreement as Applicants but not all of the signing parties elect to implement a Work Plan, all Applicants are jointly and severally liable for each and every obligation under this Agreement through the completion of activities in such Work Plan that all such parties consented to; thereafter, only those Applicants electing to perform additional work shall be jointly and severally liable under this Agreement for the obligations and activities under such additional Work Plan(s). The parties electing not to implement the additional Work Plan(s) shall have no obligations under this Agreement relative to the activities set forth in such Work Plan(s). Further, only those Applicants electing to implement such additional Work Plan(s) shall be

eligible to receive the Liability Limitation referenced in Paragraph VI.

4. Any change to parties pursuant to this Agreement, including successors and assigns through acquisition of title, is subject to approval by the Department, after submittal of an application acceptable to the Department.

H. Applicant shall be entitled to receive contribution protection and/or to seek contribution to the extent authorized by ECL § 27-1421(6) and 6 NYCRR § 375-1.5(b)(5).

I. Applicant shall not be considered an operator of the Site solely by virtue of having executed and/or implemented this Agreement.

J. Applicant and Applicant's agents, grantees, lessees, sublessees, successors, and assigns shall be bound by this Agreement. Any change in ownership of Applicant including, but not limited to, any transfer of assets or real or personal property, shall in no way alter Applicant's responsibilities under this Agreement.

K. Unless otherwise expressly provided herein, terms used in this Agreement which are defined in ECL Article 27 or in regulations promulgated thereunder shall have the meaning assigned to them under said statute or regulations.

L. Applicant's obligations under this Agreement shall not be deemed to constitute any type of fine or penalty.

M. In accordance with 6 NYCRR § 375-1.6(a)(4), the Department shall be notified at least 7 days in advance of, and be allowed to attend, any field activities to be conducted under a Department approved work plan, as well as any pre-bid meetings, job progress meetings, substantial completion meeting and inspection, and final inspection and meeting; provided, however that the Department may be excluded from portions of meetings where privileged matters are discussed.

N. In accordance with 6 NYCRR § 375-1.11(a), all work plans; reports, including all attachments and appendices, and certifications, submitted by a remedial party shall be submitted in print, as well as in an electronic format acceptable to the Department.

O. This Agreement may be executed for the convenience of the parties hereto, individually or in combination, in one or more counterparts, each of which shall be deemed to have the status of an executed original and all of which shall together constitute one and the same.

RECEIVED
MAY 21 2019
Division of
Environmental Remediation

WRITTEN CONSENT

The undersigned, GO UCL LLC, the Managing Member of Innovative Urban Living, LLC, does hereby certify as follows:

1. Innovative Urban Living, LLC is the prospective volunteer for the Brownfield Cleanup Program ("Volunteer"), which entity intends to perform investigation and remediation work on a portion of 12120 Flatlands Avenue, Brooklyn, New York 11207, Brooklyn Block 4434 Lot 1 (the "Site"). Final subdivision approval is pending, which will result in the Site being known as Block 4434 Lot 10.

2. The following person, David L. Picket, the Authorized Representative of GO UCL LLC, which is the Managing Member of the Volunteer, has been authorized to execute any documents required by the New York State Department of Environmental Conservation on behalf of the Volunteer, including but not limited to the BCP Application, the Brownfield Cleanup Agreement ("BCA"), Applications to Amend the BCA, Change of Use Notifications, Certificate of Completion, and if required, an Environmental Easement.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on this 19th day of November, 2018.

GO UCL LLC

Bryan Kelly

By: Bryan Kelly
Authorized Representative of GO UCL LLC
Managing Member of Innovative Urban Living, LLC

Site Code: C224290

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

Please refer to the attached instructions for guidance on completing this application.

Submission of a full BCP application will be required should this application be determined to be a major amendment. If the amendment seeks to add or subtract more than an insignificant acreage of property to the BCA, applicants are encouraged to consult with the DEC project team prior to submitting this application.

PART I. BROWNFIELD CLEANUP AGREEMENT AMENDMENT APPLICATION

1. Check the appropriate box(es) below based on the nature of the amendment modification(s) requested:

- [x] Amendment to modify the existing BCA (check one or more boxes below):
  - [x] Add applicant(s)
  - [ ] Substitute applicant(s)
  - [ ] Remove applicant(s)
  - [ ] Change in name of applicant(s)
- [ ] Amendment to reflect a transfer of title to all or part of the brownfield site:
  - a. A copy of the recorded deed must be provided. Is this attached? Yes ◯ No ◯
  - b. [ ] Change in ownership [ ] Additional owner (such as a beneficial owner)
  - c. Pursuant to 6 NYCRR Part 375-1.11(d), a Change of Use form should have been submitted prior to a transfer of ownership. If this has not yet been submitted, include the form with this application. Is this form attached? Yes ◯ No ◯ Submitted on: _____
- [ ] Amendment to modify description of the property(ies) listed in the existing BCA
- [ ] Amendment to expand or reduce property boundaries of the property(ies) listed in the existing BCA
- [x] Sites in Bronx, Kings, New York, Queens or Richmond Counties ONLY: amendment to request determination that the site is eligible for tangible property credit component of the brownfield redevelopment tax credit.
- [ ] Other (explain in detail below)

2. REQUIRED: Please provide a brief narrative describing the specific requests included in this amendment:

IUV Phase I Owner, LLC, the prospective beneficial owner of the BCA Site, is being added to the BCA. IUV Phase I Owner, LLC has no prior relationship with any current or past owners or operators at the Site. IUV Phase I Owner, LLC did not cause any of the contamination of the Site, therefore, IUV Phase I Owner, LLC is a Volunteer. Current Volunteer Innovative Urban Living, LLC will remain a party on the BCA. Please see Ex. A DOS Entity Filing, Ex. B the Corporate Consents and Ex. C the Certification Statement. Christian Cultural Center, Inc. remains the title owner of the BCP Site, however, on or before the date of the Construction Loan Closing, title of the Site will be transferred to Urban Living Alternatives, LLC and then will be immediately transfered to IUV Phase 1A Housing Development Fund Corporation. Urban Living Alternatives, LLC and IUV Phase 1A Housing Development Fund Corporation are not being added to the BCA at this time. Please see Ex. D Site Access Agreement. In addition, proof is also being provided that the Site will be developed into an affordable housing project in support of the additional tangible property tax credit bump up of 5%. See Exhibit E November 22, 2022 Mandatory Inclusionary Housing Resolution passed by the New York City Council.

SECTION I: CURRENT AGREEMENT INFORMATION *This section must be completed in full. Attach additional pages as necessary.*	
BCP SITE NAME: 12096 Flatlands Avenue	BCP SITE CODE: C224290
NAME OF CURRENT APPLICANT(S): Innovative Urban Living, LLC	
INDEX NUMBER OF AGREEMENT: C224290-04-19	DATE OF ORIGINAL AGREEMENT: 05/31/2019

SECTION II: NEW REQUESTOR INFORMATION *Complete this section only if adding new requestor(s) or the name of an existing requestor has changed.*		
NAME: IUV Phase I Owner, LLC		
ADDRESS: c/o Gotham Organization, 432 Park Avenue South, 2nd Floor		
CITY/TOWN: New York, New York		ZIP CODE: 10016
PHONE: (212) 599-0520	EMAIL: smaleh@gothamorg.com	
REQUESTOR CONTACT: Simeon Maleh		
ADDRESS: c/o Gotham Organization, 432 Park Avenue South, 2nd Floor		
CITY/TOWN: New York, New York		ZIP CODE: 10016
PHONE: (212) 599-0520	EMAIL: smaleh@gothamorg.com	
REQUESTOR'S CONSULTANT: Langan	CONTACT: Amanda Forsburg	
ADDRESS: 30 Kimball Drive		
CITY/TOWN: Parsippany, New Jersey		ZIP CODE: 07054
PHONE: (973) 560-4982	EMAIL: sciambruschini@Langan.com; aforsburg@langan.com	
REQUESTOR'S ATTORNEY: Knauf Shaw LLP	CONTACT: Linda R. Shaw, Esq.	
ADDRESS: 2600 Innovation Square 100 South Clinton Avenue		
CITY/TOWN: Rochester, New York		ZIP CODE: 14604
PHONE: (585) 546-8430	EMAIL: lshaw@nyenvlaw.com	

		Y	N
1.	Is the requestor authorized to conduct business in New York State?	◉	○
2.	If the requestor is a corporation, LLC, LLP, or other entity requiring authorization from the NYS Department of State (NYSDOS) to conduct business in NYS, the requestor's name must appear exactly as given above in the NYSDOS Corporation & Business Entity Database. A print-out of entity information from the NYSDOS database must be submitted with this application. Is this print-out attached?	◉	○
3.	Requestor must submit proof that the party signing this application and amendment has the authority to bind the requestor. This would be documentation showing the authority to bind the requestor in the form of corporate organizational papers, a Corporate Resolution or an Operating Agreement or Resolution for an LLC. Is this proof attached?	◉	○
4.	If the requestor is an LLC, the names of the members/owners must be provided. Is this information attached? **N/A** ○	◉	○

5. Describe the new requestor's relationship to all existing applicants:

Please see organization chart attached as Exhibit A.

SECTION III: CURRENT PROPERTY OWNER/OPERATOR INFORMATION *Complete this section only if a transfer of ownership has taken place. Attach additional pages if necessary.*			
Owner listed below is: ☐ Existing Applicant ☐ New Applicant ☐ Non-Applicant			
OWNER'S NAME:		CONTACT:	
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		
OPERATOR:		CONTACT:	
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION
Complete this section only if adding new requestor(s). Attach additional pages if necessary.

If answering "yes" to any of the following questions, please provide additional information as an attachment. Please refer to ECL § 27-1407 for details.

	Y	N
1. Are any enforcement actions pending against the requestor regarding this site?	○	◉
2. Is the requestor presently subject to an existing order for the investigation, removal or remediation relating to contamination at the site?	○	◉
3. Is the requestor subject to an outstanding claim by the Spill Fund for the site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.	○	◉
4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of (i) any provision of the subject law; (ii) any order or determination; (iii) any regulation implementing ECL Article 27 Title 14; or (iv) any similar statute or regulation of the state or federal government? If so, provide additional information as an attachment.	○	◉
5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as site name, address, DEC site number, reason for denial, and any other relevant information.	○	◉
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting or contaminants?	○	◉
7. Has the requestor been convicted of a criminal offense (i) involving the handling, storing, treating, disposing or transporting of contaminants; or (ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state?	○	◉
8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of the Department, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to the Department?	○	◉

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION (continued)	Y	N
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.9(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application?	○	◉
10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order?	○	◉
11. Are there any unregistered bulk storage tanks on-site which require registration?	○	◉

12. THE NEW REQUESTOR MUST CERTIFY THAT IT IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL § 27-1405(1) BY CHECKING ONE OF THE BOXES BELOW:

☐ PARTICIPANT	☑ VOLUNTEER
A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of a hazardous waste or discharge of petroleum. NOTE: By checking this box, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that they have exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: (i) stop any continuing discharge; (ii) prevent any threatened future release; (iii) prevent or limit human, environmental or natural resource exposure to any previously released hazardous waste. **If a requestor's liability arises solely as a result of ownership, operation of or involvement with the site, they must submit a statement describing why they should be considered a volunteer – be specific as to the appropriate care taken.**

	N/A	Y	N
13. If the requestor is a volunteer, is a statement describing why the requestor should be considered a volunteer attached?	○	◉	○

14. Requestor's relationship to the property (check all that apply):

☐ Prior Owner ☐ Current Owner ☐ Potential/Future Purchaser ☑ Other: Prospective Beneficial Owner

	N/A	Y	N
15. If the requestor is not the current site owner, proof of site access sufficient to complete the remediation must be submitted. Proof must show that the requestor will have access to the property before being added to the BCA and throughout the BCP project, including the ability to place an easement on the site. Is this proof attached?	○	◉	○

Site Code: C224290

SECTION V: PROPERTY DESCRIPTION AND REQUESTED CHANGES

Complete this section only if property is being added to or removed from the site, a lot merger or other change to site SBL(s) has occurred, or if modifying the site address for any reason.

1. Property information on current agreement (as modified by any previous amendments, if applicable):

ADDRESS:

CITY/TOWN | ZIP CODE:

CURRENT PROPERTY INFORMATION | TOTAL ACREAGE OF CURRENT SITE:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

2. Requested change (check appropriate boxes below):

☐ a. Addition of property (may require additional citizen participation depending on the nature of the expansion – see instructions)

PARCELS ADDED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE ADDED: _____

☐ b. Reduction of property

PARCELS REMOVED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE REMOVED: _____

☐ c. Change to SBL (e.g., lot merge, subdivision, address change)

NEW PROPERTY INFORMATION:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

3. TOTAL REVISED SITE ACREAGE: _____

4. For all changes requested in this section, documentation must be provided. Required attachments are listed in the application instructions. Is the required documentation attached?	Y ◯	N ◯

APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT SUPPLEMENT QUESTIONS FOR SITE SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY

Complete this section only if the site is located within the five counties comprising New York City and the requestor is seeking a determination of eligibility for tangible property credits. Provide supporting documentation as required. Refer to the application instructions for additional information.

	Y	N
1. Is the site located in Bronx, Kings, New York, Queens or Richmond County?	◉	○
2. Is the requestor seeking a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit?	◉	○
3. Is at least 50% of the site area located within an environmental zone pursuant to Tax Law 21(6)? Please see DEC's website for more information.	◉	○
4. Is the property upside down as defined below? **From ECL 27-1405(31):** "Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.	○	◉
5. Is the project and affordable housing project as defined below? **From 6 NYCRR 375-3.2(a) as of August 12, 2016:** (a) "Affordable housing project" means, for purposes of this part, title fourteen of article twenty-seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units. (1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants' household's annual gross income. (2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which sets affordable units aside for homeowners at a defined maximum percentage of the area median income. (3) "Area median income" means, for purposes of this subdivision, the area median income for the primary metropolitan statistical area, or for the county if located outside a metropolitan statistical area, as determined by the United States Department of Housing and Urban Development, or its successor, for a family of four, as adjusted for family size.	◉	○

APPLICATION SUPPLEMENT FOR NYC SITES (continued)	Y	N
6. Is the project a planned renewable energy facility site as defined below? **From ECL 27-1405(33) as of April 9, 2022:** "Renewable energy facility site" shall mean real property (a) this is used for a renewable energy system, as defined in section sixty-six-p of the public service law; or (b) any co-located system storing energy generated from such a renewable energy system prior to delivering it to the bulk transmission, sub-transmission, or distribution system. **From Public Service Law Article 4 Section 66-p as of April 23, 2021:** (b) "renewable energy systems" means systems that generate electricity or thermal energy through use of the following technologies: solar thermal, photovoltaics, on land and offshore wind, hydroelectric, geothermal electric, geothermal ground source heat, tidal energy, wave energy, ocean thermal, and fuel cells which do not utilize a fossil fuel resource in the process of generating electricity.	○	◉
7. Is the site located within a disadvantaged community, within a designated Brownfield Opportunity Area, and meets the conformance determinations pursuant to subdivision ten of section nine-hundred-seventy-r of the general municipal law? **From ECL 75-0111 as of April 9, 2022:** (5) "Disadvantaged communities" means communities that bear the burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high-concentrations of low- and moderate-income households, as identified pursuant to section 75-0111 of this article.	◉	○

PART II. BROWNFIELD CLEANUP PROGRAM AMENDMENT	
EXISTING AGREEMENT INFORMATION	
BCP SITE NAME: 12096 Flatlands Avenue	BCP SITE CODE: C224290
NAME OF CURRENT APPLICANT(S): Innovative Urban Living, LLC	
INDEX NUMBER OF AGREEMENT: C224290-04-19	DATE OF ORIGINAL AGREEMENT 05/31/2019

Declaration of Amendment:

By the requestor(s) and/or applicant(s) signature(s) below, and subsequent signature by the Department, the above application to amend the Brownfield Cleanup Agreement described above is hereby approved. This Amendment is made in accordance with and subject to all of the BCA and all applicable guidance, regulations and state laws applicable thereto. All other substantive and procedural terms of the Agreement will remain unchanged and in full force and effect regarding the parties to the Agreement.

Nothing contained herein constitutes a waiver by the Department or the State of New York of any rights held in accordance with the Agreement or any applicable state and/or federal law or a release for any party from obligations held under the Agreement or those same laws.

STATEMENT OF CERTIFICATION AND SIGNATURES: NEW REQUESTOR

Complete the appropriate section (individual or entity) below only if this Amendment adds a new requestor. Attach additional pages as needed.

(Individual)

I hereby affirm that the information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am Authorized Repersentative (title) of IUV Phase I Owner, LLC (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

David L. Picket's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 8-14-23 Signature: _____

Print Name: David L. Picket

Site Code: C 2242 9 0

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)
An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed.

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am Authorized Representative of GO UCL, LLC, the Managing Member (title) of Innovative Urban Living, LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. David L. Picket's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 8-14-23 Signature: _____

Print Name: David L. Picket

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☐ PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	☒ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: 05/31/2019

Signature by the Department:

DATED: 12/20/2023

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:

David Harrington

David Harrington, Assistant Director
Division of Environmental Remediation

EXHIBIT A

Innovative Urban Living – Phase 1A – Mixed Use, Affordable Housing Project

Ownership structure for GS Affiliate Admission

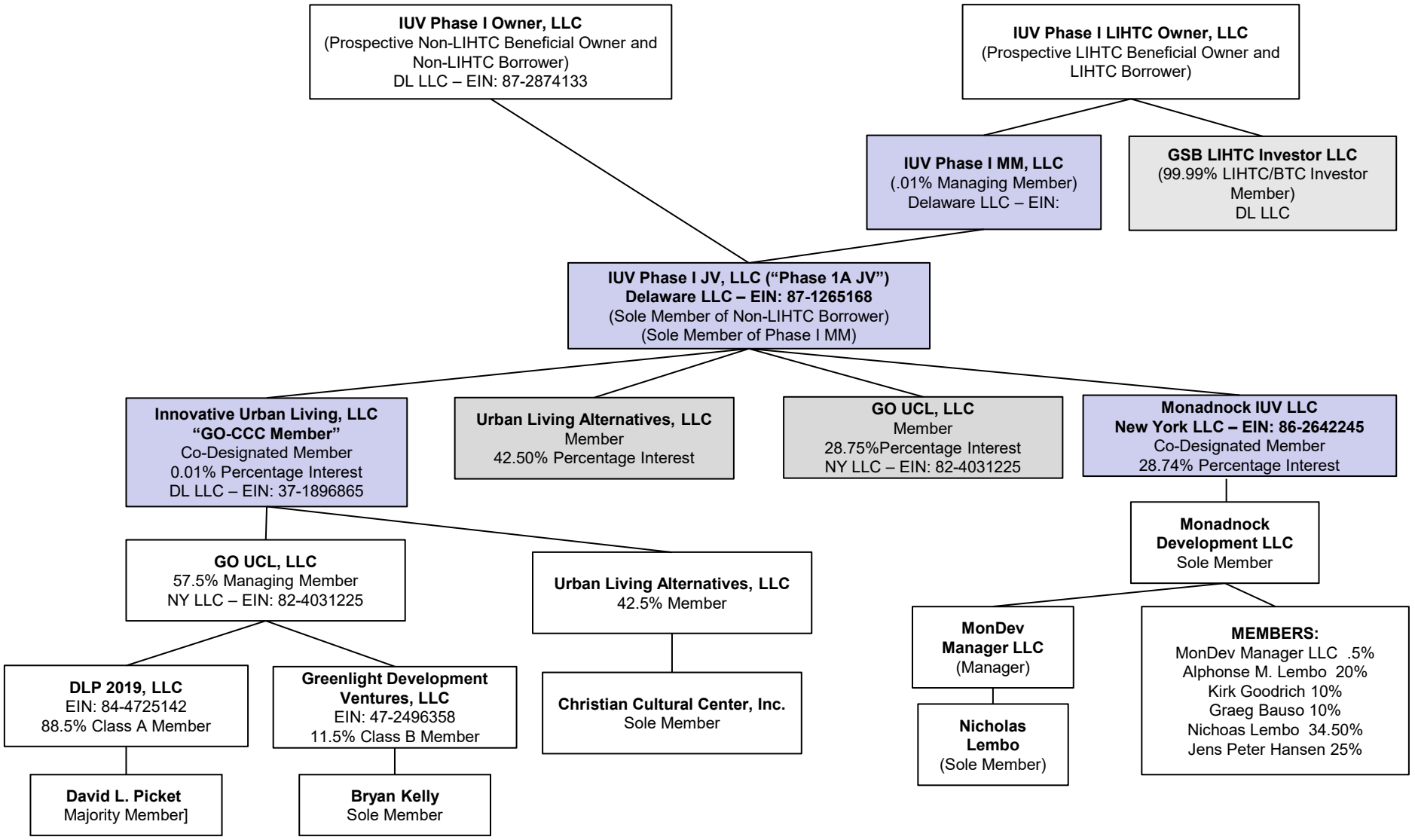
Version Date: 11/1/2022

Slide 1

Parcel A

Block 4434 Lot 10

(Buildings 1 & 2)



Department of State
Division of Corporations

Entity Information

Return to Results | Return to Search

Entity Details

ENTITY NAME: IUV PHASE I OWNER, LLC
FOREIGN LEGAL NAME: IUV PHASE I OWNER, LLC
ENTITY TYPE: FOREIGN LIMITED LIABILITY COMPANY
SECTIONOF LAW: LIMITED LIABILITY COMPANY - 802 LIMITED LIABILITY COMPANY LAW - LIMITED LIABILITY COMPANY LAW
DATE OF INITIAL DOS FILING: 12/07/2022
EFFECTIVE DATE INITIAL FILING: 12/07/2022
FOREIGN FORMATION DATE: 09/29/2021
COUNTY: NEW YORK
JURISDICTION: DELAWARE, UNITED STATES

DOS ID: 6663953
FICTITIOUS NAME:
DURATION DATE/LATEST DATE OF DISSOLUTION:
ENTITY STATUS: ACTIVE
REASON FOR STATUS:
INACTIVE DATE:
STATEMENT STATUS: CURRENT
NEXT STATEMENT DUE DATE: 12/31/2024
NFP CATEGORY:

ENTITY DISPLAY | NAME HISTORY | FILING HISTORY | MERGER HISTORY | ASSUMED NAME HISTORY

Service of Process on the Secretary of State as Agent

The Post Office address to which the Secretary of State shall mail a copy of any process against the corporation served upon the Secretary of State by personal delivery:

Name: C/O GOTHAM ORGAINZATION

Address: 432 PARK AVE SOUTY,, 2ND FLOOR , NEW YORK, NY, UNITED STATES, 10016

Electronic Service of Process on the Secretary of State as agent: Not Permitted

Chief Executive Officer's Name and Address

Name:

Address:

Principal Executive Office Address

Address:

Registered Agent Name and Address

Name:

Address:

Entity Primary Location Name and Address

Name:

Address:

Farmcorpflag

Is The Entity A Farm Corporation: NO

Stock Information

Share Value	Number Of Shares	Value Per Share

EXHIBIT B

WRITTEN CONSENT

The undersigned, GO UCL LLC, the Managing Member of Innovative Urban Living, LLC, does hereby certify as follows:

1. Innovative Urban Living, LLC is the prospective volunteer for the Brownfield Cleanup Program ("Volunteer"), which entity intends to perform investigation and remediation work on a portion of 12120 Flatlands Avenue, Brooklyn, New York 11207, Brooklyn Block 4434 Lot 1 (the "Site"). Final subdivision approval is pending, which will result in the Site being known as Block 4434 Lot 10.

2. The following person, David L. Picket, the Authorized Representative of GO UCL LLC, which is the Managing Member of the Volunteer, has been authorized to execute any documents required by the New York State Department of Environmental Conservation on behalf of the Volunteer, including but not limited to the BCP Application, the Brownfield Cleanup Agreement ("BCA"), Applications to Amend the BCA, Change of Use Notifications, Certificate of Completion, and if required, an Environmental Easement.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on this 9 ay of N ov, 2018.

GO UCL LLC

By: Bryan Kelly
Authorized Representative of GO UCL LLC
Managing Member of Innovative Urban Living, LLC

WRITTEN CONSENT

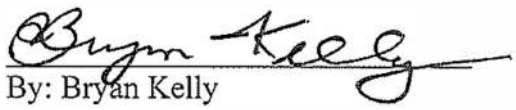
The undersigned, being an Authorized Representative of IUV Phase I Owner, LLC, the beneficial owner of the BCA Site described below, does hereby certify as follows:

1. IUV Phase I Owner, LLC, is a prospective volunteer to be added to the existing Brownfield Cleanup Program ("BCP") Agreement ("BCA") Index No. C224290-04-19 for real property located at 12096 Flatlands Avenue Brooklyn, New York 11207 (Brooklyn Block 4434 Lot 10) and which is known as the 12096 Flatlands Avenue BCP Site No. C224290, (the "BCP Site").

2. The following person, David L Picket, the Authorized Representative of IUV Phase I Owner, LLC, has been authorized to execute any documents required by the New York State Department of Environmental Conservation on behalf of prospective BCP Site Volunteer IUV Phase I Owner, LLC, including but not limited to the BCA, Applications to Amend the BCA, Change of Use Notifications, Certificate of Completion, and if required, an Environmental Easement.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on this 15th day of August 2023.

IUV Phase I Owner, LLC



By: Bryan Kelly
Authorized Representative of IUV Phase 1 Owner, LLC

EXHIBIT C

REQUESTOR CERTIFICATION

The Requestor IUV Phase I Owner, LLC certifies it is a Volunteer, since it does not have nor has ever had a relationship with any of the past owners or operators that caused the contamination of the Brownfield Cleanup Program ("BCP") 12096 Flatlands Avenue BCP Site No. C224290 with an address of 12096 Flatlands Avenue, Brooklyn, New York ("BCP Site") other than it is now the current beneficial owner of the Site. Requestor did not have involvement with the BCP Site at the time of disposal. The Requestor performed all required environmental due diligence prior to become the beneficial owner of the Site and has implemented due care of the BCP Site during any BCP Site access activities since becoming the beneficial owner.

Certified by _____

IUV Phase I Owner, LLC
David L. Picket, Authorized Signatory

EXHIBIT D

Christian Cultural Center, Inc.
Attn: A.R. Bernard Sr.
12020 Flatlands Avenue
Brooklyn, New York 11207

Re: Site Access to Perform Brownfield Cleanup Program Work
12096 Flatlands Avenue
Brooklyn Block 4434 Lot 10

Dear A.R. Bernard Sr.:

Innovative Urban Living, LLC submitted a Brownfield Cleanup Program ("BCP") Application to the New York State Department of Environmental Conservation to voluntarily investigate and remediate the following property: 12096 Flatlands Avenue, Brooklyn, New York 11207 (1.572 acres) Brooklyn Block 4434, Lot 10. The BCP Site is known as 12096 Flatlands Avenue, Site Code C224290 (the "BCP Site"). As you know, Christian Cultural Center, Inc. owns the BCP Site. IUV Phase I Owner, LLC is being added to the Brownfield Cleanup Agreement ("BCA") as a volunteer.

IUV Phase I Owner, LLC needs your written permission below to access your property for the purpose of performing environmental investigation and remediation work to be added to the BCA for this BCP Site.

If you agree to sign below, you are granting IUV Phase 1 Owner, LLC a "temporary license" to allow an appropriate contractor hired to enter the property to perform investigation and remediation work. They promise to provide you with copies of any information generated about the property, and if they do accidentally damage your property in any way, they agree to repair the damages to restore the property to the way it was before entered. Their contractor will also maintain insurance that would cover any accidents on the job. They promise to minimize any and all inconvenience to you in connection with this work and will give you one week notice before the work begins.

In addition, in the unlikely circumstance that you still own the BCP Site when the remediation is complete and the Certificate of Completion is about to be obtained, and a Track 1 remediation level is not achieved, you are hereby also agreeing to impose an environmental easement on the BCP Site if required by the New York State Department of Environmental Conservation. If you have any questions, please do not hesitate to call Stephen Strateman, our Project Manager at (212)599-0520. Otherwise, please sign below so that this work can proceed.

Thank you for your cooperation.

Sincerely,

GO UCL, LLC
Managing Member of Innovative Urban Living, LLC
By. David L. Picket
Authorized Representative

IUV Phase I Owner, LLC
By. David L. Picket
Authorized Representative

As a member of the site owner, I am authorized to grant this temporary license and agree to allow IUV Phase I Owner, LLC and its agents to enter my property to perform the BCP Investigation and/or remediation work required.

Christian Cultural Center, Inc.
By. A.R. Bernard Sr.
Authorized Representative

EXHIBIT E

THE COUNCIL OF THE CITY OF NEW YORK
RESOLUTION NO. 401

Resolution approving the decision of the City Planning Commission on ULURP No. C 220312 ZMK, a Zoning Map amendment (Preconsidered L.U. No. 141).

By Council Members Salamanca and Riley

WHEREAS, Innovative Urban Living, LLC, filed an application pursuant to Sections 197-c and 201 of the New York City Charter for an amendment of the Zoning Map, Section No. 17d, changing from an R5 District to an R7-2 District, establishing within the proposed R7-2 District a C2-4 District, which in conjunction with the related actions would facilitate the construction of an approximately 1.93 million-square-foot mixed-use large-scale general development (LSGD) containing approximately 2,050 residential units, 98,000 square feet of community facility uses, 108,000 square feet of commercial space, four acres of public open space, and a public parking garage located in the East New York neighborhood of Brooklyn, Community District 5 (ULURP No. C 220312 ZMX) (the "Application");

WHEREAS, the City Planning Commission filed with the Council on October 17, 2022 its decision dated October 11, 2022 (the "Decision") on the Application;

WHEREAS, the Application is related to application N 220313 ZRK (L.U. No. 142), a zoning text amendment to designate a Mandatory Inclusionary Housing (MIH) area and to Appendix I to expand the boundary of Transit Zone 12 to include the project area; C 220311 ZSK (L.U. No. 145), a special permit to establish a LSGD and modify bulk regulations; C 220314 ZSK (L.U. No. 146), a special permit to allow a parking garage at the development site;

WHEREAS, the Decision is subject to review and action by the Council pursuant to Section 197-d of the City Charter;

WHEREAS, upon due notice, the Council held a public hearing on the Decision and Application on October 25, 2022;

WHEREAS, the Council has considered the land use and other policy issues relating to the Decision and Application; and

WHEREAS, the Council has considered the relevant environmental issues, including the Positive Declaration issued January 31, 2020 (CEQR No. 20DCP057K) and a Final Environmental Impact Statement (FEIS) for which a Notice of Completion was issued on September 30, 2022, in which potential significant adverse impacts related to hazardous materials, air quality, and noise would be avoided through the placement of (E) designations (E-679) on project site as specified in Chapter 10, Chapter 14, and Chapter 16, respectively, of the FEIS. The FEIS determined that the proposed actions could have significant adverse significant adverse impacts with respect to community facilities (early childhood programs and libraries), open space (temporary), transportation (traffic, subway, bus, pedestrian), noise and construction (traffic, noise); and the

identified significant adverse impacts and proposed mitigation measures are summarized in Chapter 20, "Mitigation" of the FEIS, and are included in the Restrictive Declaration.

RESOLVED:

Having considered the FEIS and Technical Memorandum with respect to the Decision and Application, the Council finds that:

1. The FEIS meets the requirements of 6 N.Y.C.R.R. Part 617;

2. The environmental impacts disclosed in the FEIS were evaluated in relation to the social, economic, and other considerations associated with the actions that are set forth in this report; and

3. Consistent with social, economic and other essential considerations from among the reasonable alternatives available, the action is one which avoids or minimizes adverse environmental impacts to the maximum extent practicable; and

4. The adverse environmental impacts disclosed in the FEIS will be minimized or avoided to the maximum extent practicable by incorporating, as conditions to the approval, pursuant to the restrictive declaration dated October 11, 2022, those project components related to environment and mitigation measures that were identified as practicable.

The Decision, together with the FEIS constitute the written statement of facts, and of social, economic and other factors and standards that form the basis of this determination, pursuant to 6 N.Y.C.R.R. §617.11(d).

Pursuant to Sections 197-d and 200 of the City Charter and on the basis of the Decision and Application, and based on the environmental determination and consideration described in the report, C 220312 ZMK incorporated by reference herein, and the record before the Council, the Council approves the Decision of the City Planning Commission.

The Zoning Resolution of the City of New York, effective as of December 15, 1961, and as subsequently amended, is further amended by changing the Zoning Map, Section 17d:

1. changing from an R5 District to an R7-2 District property bounded by Flatlands Avenue, Pennsylvania Avenue, a line 295 feet southeasterly of Flatlands Avenue, a line 235 feet southwesterly of Pennsylvania Avenue, a line 370 feet southeasterly of Flatlands Avenue, a line 535 feet southwesterly of Pennsylvania Avenue, a line 550 feet southeasterly of

Flatlands Avenue, a line 245 feet northwesterly of Vandalia Avenue, and Louisiana Avenue; and

2. establishing within the proposed R7-2 District a C2-4 District bounded by Flatlands Avenue, Pennsylvania Avenue, a line 295 feet southeasterly of Flatlands Avenue, a line 235 feet southwesterly of Pennsylvania Avenue, a line 370 feet southeasterly of Flatlands Avenue, a line 535 feet southwesterly of Pennsylvania Avenue, a line 550 feet southeasterly of Flatlands Avenue, a line 245 feet northwesterly of Vandalia Avenue, and Louisiana Avenue;

as shown on a diagram (for illustrative purposes only) dated May 9, 2022, and subject to the conditions of CEQR Declaration E-679, Borough of Brooklyn, Community District 5.

Adopted.

Office of the City Clerk, }
The City of New York, } ss.:

I hereby certify that the foregoing is a true copy of a Resolution passed by The Council of The City of New York on November 22, 2022, on file in this office.

City Clerk, Clerk of The Council

THE COUNCIL OF THE CITY OF NEW YORK
RESOLUTION NO. 402

Resolution approving the decision of the City Planning Commission on Application No. N 220313 ZRK, for an amendment of the text of the Zoning Resolution (Preconsidered L.U. No. 142).

By Council Members Salamanca and Riley

WHEREAS, Innovative Urban Living, LLC, filed an application pursuant to Section 201 of the New York City Charter, for an amendment of the text of the Zoning Resolution of the City of New York, modifying APPENDIX F for the purpose of establishing a Mandatory Inclusionary Housing area and modifying APPENDIX I for the purpose of expanding the Transit Zone, which in conjunction with the related actions would facilitate the construction of an approximately 1.93 million-square-foot mixed-use large-scale general development (LSGD) containing approximately 2,050 residential units, 98,000 square feet of community facility uses, 108,000 square feet of commercial space, four acres of public open space, and a public parking garage located in the East New York neighborhood of Brooklyn, Community District 5 (ULURP No. N 220313 ZRK) (the "Application");

WHEREAS, the City Planning Commission filed with the Council on October 17, 2022, its decision dated October 11, 2022 (the "Decision"), on the Application;

WHEREAS, the Application is related to application C 2200312 ZMK (L.U. No. 141), a zoning map amendment to rezone an R5 zoning district to an R7-2/C2-4 zoning district; C 220311 ZSK (L.U. No. 145), a special permit to establish a LSGD and modify bulk regulations; C 220314 ZSK (L.U. No. 146), a special permit to allow a parking garage at the development site;

WHEREAS, the Decision is subject to review and action by the Council pursuant to Section 197-d of the City Charter;

WHEREAS, upon due notice, the Council held a public hearing on the Decision and Application on October 25, 2022;

WHEREAS, the Council has considered the land use implications and other policy issues relating to the Decision and Application; and

WHEREAS, the Council has considered the relevant environmental issues, including the Positive Declaration issued January 31, 2020 (CEQR No. 20DCP057K) and a Final Environmental Impact Statement (FEIS) for which a Notice of Completion was issued on September 30, 2022, in which potential significant adverse impacts related to hazardous materials, air quality, and noise would be avoided through the placement of (E) designations (E-679) on project site as specified in Chapter 10, Chapter 14, and Chapter 16, respectively, of the FEIS. The FEIS determined that the proposed actions could have significant adverse significant adverse impacts with respect to community facilities (early childhood programs and libraries), open space (temporary),

transportation (traffic, subway, bus, pedestrian), noise and construction (traffic, noise); and the identified significant adverse impacts and proposed mitigation measures are summarized in Chapter 20, "Mitigation" of the FEIS, and are included in the Restrictive Declaration.

RESOLVED:

Having considered the FEIS and Technical Memorandum with respect to the Decision and Application, the Council finds that:

1. The FEIS meets the requirements of 6 N.Y.C.R.R. Part 617;

2. The environmental impacts disclosed in the FEIS were evaluated in relation to the social, economic, and other considerations associated with the actions that are set forth in this report; and

3. Consistent with social, economic and other essential considerations from among the reasonable alternatives available, the action is one which avoids or minimizes adverse environmental impacts to the maximum extent practicable; and

4. The adverse environmental impacts disclosed in the FEIS will be minimized or avoided to the maximum extent practicable by incorporating, as conditions to the approval, pursuant to the restrictive declaration dated October 11, 2022, those project components related to environment and mitigation measures that were identified as practicable.

The Decision, together with the FEIS constitute the written statement of facts, and of social, economic and other factors and standards that form the basis of this determination, pursuant to 6 N.Y.C.R.R. §617.11(d).

Pursuant to Sections 197-d and 200 of the City Charter and on the basis of the Decision and Application, and based on the environmental determination and consideration described in the report, N 220313 ZRK, incorporated by reference herein, and the record before the Council, the Council approves the Decision of the City Planning Commission.

Matter <u>underlined</u> is new, to be added;
Matter ~~struck out~~ is to be deleted;
Matter within # # is defined in Section 12-10;
* * * indicates where unchanged text appears in the Zoning Resolution.

APPENDIX F

Inclusionary Housing Designated Areas and Mandatory Inclusionary Housing Areas

* * *

BROOKLYN

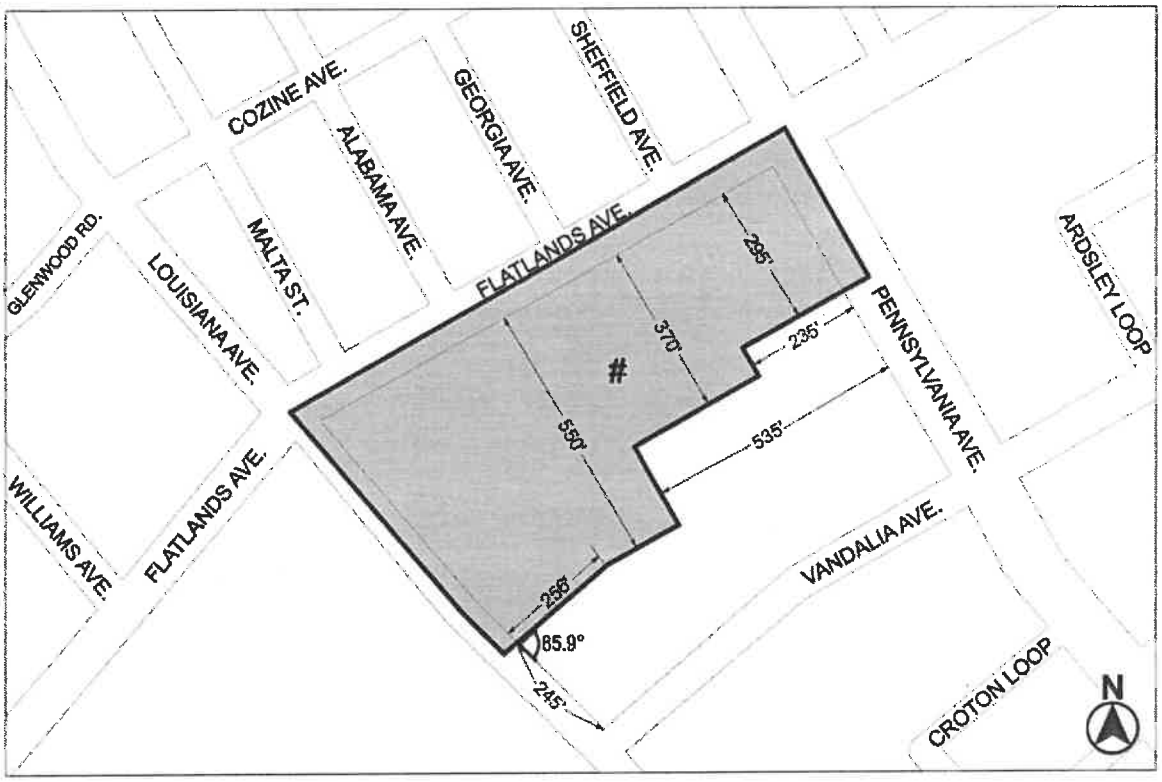
* * *

Brooklyn Community District 5

* * *

Map 5 – [date of adoption]

[PROPOSED MAP]



Mandatory Inclusionary Housing Area *see Section 23-154(d)(3)*

Area # — [date of adoption] — MIH Program Option 1

Portion of Community District 5, Brooklyn

* * *

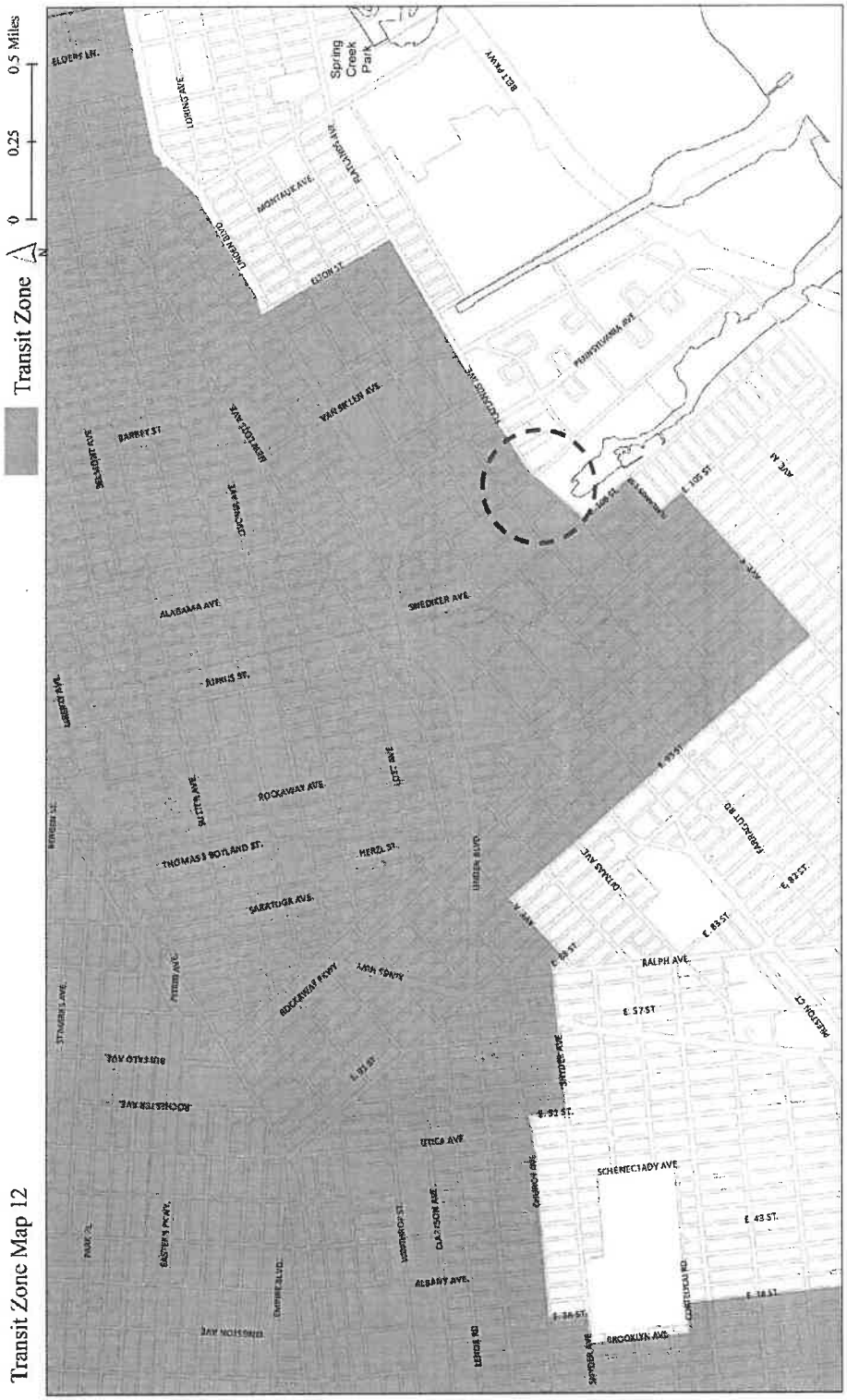
APPENDIX I

Transit Zone

* * *

Transit Zone Map 12

[EXISTING MAP]


0.5 Miles
0.25
0
N
Transit Zone
Spring Creek Park
SCHENECTADY AVE
E 43 ST.
BROOKLYN AVE
ALBANY AVE
RALPH AVE
E 57 ST
ROCKAWAY AVE
SARATOGA AVE
THOMAS BOYLAND ST.
ALABAMA AVE
SHEFFIELD AVE
BARRY ST
Transit Zone Map 12

[PROPOSED MAP]

Transit Zone Map 12

* * *

Adopted.

Office of the City Clerk, }
The City of New York, } ss.:

I hereby certify that the foregoing is a true copy of a Resolution passed by The Council of The City of New York on November 22, 2022, on file in this office.

.....
City Clerk, Clerk of The Council

THE COUNCIL OF THE CITY OF NEW YORK
RESOLUTION NO. 403

Resolution approving the decision of the City Planning Commission on ULURP No. C 220311 ZSK, for the grant of a special permit (L.U. No. 145).

By Council Members Salamanca and Riley

WHEREAS, Innovative Urban Living, LLC, filed an application pursuant to Sections 197-c and 201 of the New York City Charter for the grant of a special permit pursuant to the following Sections of the Zoning Resolution Section 74-743(a)(2) of Zoning Resolution to modify: the side and rear yard regulations of Section 23-40 (YARD REGULATIONS), Section 23-50 (Additional Yard Regulations), Section 33-30 (OTHER SPECIAL PROVISIONS FOR REAR YARDS), and 35-50 (MODIFICATION OF YARD REGULATIONS); the height and setback requirements of Sections 23-66 (Height and Setback Requirements for Quality Housing Buildings), 23-69 (Special Height Limitations), and 35-65 (Height and Setback Requirements for Quality Housing Buildings); and the minimum distance between buildings regulations of Section 23-711 (Standard minimum distance between buildings); in connection with a proposed mixed-use development, within a Large-scale General Development generally bounded by Flatlands Avenue, Pennsylvania Avenue, a line 295 feet southeasterly of Flatlands Avenue, a line 235 feet southwesterly of Pennsylvania Avenue, a line 370 feet southeasterly of Flatlands Avenue, a line 535 feet southwesterly of Pennsylvania Avenue, a line 550 feet southeasterly of Flatlands Avenue, a line 245 feet northwesterly of Vandalia Avenue, and Louisiana Avenue (Block 4430, Lot 1, and Block 4434, Lots 1 & 10), in an R7-2/C2-4 District, which in conjunction with the related actions would facilitate the construction of an approximately 1.93 million-square-foot mixed-use large-scale general development (LSGD) containing approximately 2,050 residential units, 98,000 square feet of community facility uses, 108,000 square feet of commercial space, four acres of public open space, and a public parking garage located in the East New York neighborhood of Brooklyn, Community District 5 (ULURP No. C 220311 ZSK) (the "Application");

WHEREAS, the City Planning Commission filed with the Council on October 17, 2022, its decision dated October 11, 2022 (the "Decision") on the Application;

WHEREAS, the Application is related to application C 2200312 ZMK (L.U. No. 141), a zoning map amendment to rezone an R5 zoning district to an R7-2/C2-4 zoning district; N 220313 ZRK (L.U. No. 142), a zoning text amendment to designate a Mandatory Inclusionary Housing (MIH) area and to Appendix I to expand the boundary of Transit Zone 12 to include the project area; C 220314 ZSK (L.U. No. 146), a special permit to allow a parking garage at the development site;

WHEREAS, the Decision is subject to review and action by the Council pursuant to Section 197-d of the City Charter;

WHEREAS, the City Planning Commission has made the findings required pursuant to Section 74-743 of the Zoning Resolution of the City of New York;

WHEREAS, upon due notice, the Council held a public hearing on the Decision and Application on October 25, 2022;

WHEREAS, the Council has considered the land use and environmental implications and other policy issues relating to the Decision and Application; and

WHEREAS, the Council has considered the relevant environmental issues, including the Positive Declaration issued January 31, 2020 (CEQR No. 20DCP057K) and a Final Environmental Impact Statement (FEIS) for which a Notice of Completion was issued on September 30, 2022, in which potential significant adverse impacts related to hazardous materials, air quality, and noise would be avoided through the placement of (E) designations (E-679) on project site as specified in Chapter 10, Chapter 14, and Chapter 16, respectively, of the FEIS. The FEIS determined that the proposed actions could have significant adverse significant adverse impacts with respect to community facilities (early childhood programs and libraries), open space (temporary), transportation (traffic, subway, bus, pedestrian), noise and construction (traffic, noise); and the identified significant adverse impacts and proposed mitigation measures are summarized in Chapter 20, "Mitigation" of the FEIS, and are included in the Restrictive Declaration.

RESOLVED:

Having considered the FEIS and Technical Memorandum with respect to the Decision and Application, the Council finds that:

1. The FEIS meets the requirements of 6 N.Y.C.R.R. Part 617;

2. The environmental impacts disclosed in the FEIS were evaluated in relation to the social, economic, and other considerations associated with the actions that are set forth in this report; and

3. Consistent with social, economic and other essential considerations from among the reasonable alternatives available, the action is one which avoids or minimizes adverse environmental impacts to the maximum extent practicable; and

4. The adverse environmental impacts disclosed in the FEIS will be minimized or avoided to the maximum extent practicable by incorporating, as conditions to the approval, pursuant to the restrictive declaration dated October 11, 2022, those project components related to environment and mitigation measures that were identified as practicable.

The Decision, together with the FEIS constitute the written statement of facts, and of

social, economic and other factors and standards that form the basis of this determination, pursuant to 6 N.Y.C.R.R. §617.11(d).

Pursuant to Sections 197-d and 201 of the City Charter and on the basis of the Decision and Application, and based on the environmental determination and consideration described in the report, C 220311 ZSK, incorporated by reference herein, and the record before the Council, the Council approves the Decision of the City Planning Commission for the grant of a special permit pursuant to the following Sections of the Zoning Resolution, Section 74-743(a)(2), to modify:

1. the side and rear yard regulations of Section 23-40 (YARD REGULATIONS), Section 23-50 (Additional Yard Regulations), Section 33-30 (OTHER SPECIAL PPROVISIONS FOR REAR YARDS), and 35-50 (MODIFICATION OF YARD REGULATIONS);

2. the height and setback requirements of Sections 23-66 (Height and Setback Requirements for Quality Housing Buildings), 23-69 (Special Height Limitations), and 35-65 (Height and Setback Requirements for Quality Housing Buildings); and

3. the minimum distance between buildings regulations of Section 23-711 (Standard minimum distance between buildings);

in connection with a proposed mixed-use development, within a Large-scale General Development generally bounded by Flatlands Avenue, Pennsylvania Avenue, a line 295 feet southeasterly of Flatlands Avenue, a line 235 feet southwesterly of Pennsylvania Avenue, a line 370 feet southeasterly of Flatlands Avenue, a line 535 feet southwesterly of Pennsylvania Avenue, a line 550 feet southeasterly of Flatlands Avenue, a line 245 feet northwesterly of Vandalia Avenue, and Louisiana Avenue (Block 4430, Lot 1, and Block 4434, Lots 1 & 10), in an R7-2/C2-4 District, Borough of Brooklyn, Community District 5, as modified, is approved, subject to the following terms and conditions:

1. The property that is the subject of this application (C 220311 ZSK) shall be developed in size and arrangement substantially in accordance with the dimensions, specifications and zoning computations indicated on the following approved plans, prepared by Practice for Architecture Urbanism DPC and MPFP PLLC, filed with this application and incorporated in this Resolution:

Drawing No.	Title	Last Date Revised
Z-020.00	LSGD Zoning Analysis	10/4/2022
Z-021.00	LSGD Zoning Diagram	10/4/2022
Z-030.00	Overall Large Scale Site Plan	10/4/2022
Z-050.00	Waiver Plan	10/4/2022

Z-060.00	Zoning Section	10/4/2022
Z-061.00	Zoning Section	10/4/2022
Z-062.00	Zoning Section	10/4/2022
Z-063.00	Zoning Section	10/4/2022
Z-064.00	Zoning Section – Street Frontages	10/4/2022
Z-070.00	Urban Design Notes	10/4/2022
Z-071.00	Urban Design Notes	10/4/2022
L-000	Overall Landscape & Phasing Plan	10/4/2022
L-001	Publicly Accessible Area Plan	10/4/2022
L-002	Overall Key Plan	10/4/2022
L-003	Amenity Plan	10/4/2022
L-100	Key & Dim Plan	10/4/2022
L-101	Key & Dim Plan	10/4/2022
L-102	Key & Dim Plan - Garage Roof	10/4/2022
L-200	Materials & Grading Plan	10/4/2022
L-201	Materials & Grading Plan	10/4/2022
L-202	Materials & Grading Plan- Garage Roof	10/4/2022
L-300	Planting, Furniture & Lighting Plan	10/4/2022
L-301	Planting, Furniture & Lighting Plan	10/4/2022
L-600	Furniture Details	10/4/2022
L-601	Planting Details	10/4/2022
L-602	Lighting Details	10/4/2022
L-603	POP Signage Details	10/4/2022
L-604	Bollard Details	10/4/2022

2. Such development shall conform to all applicable provisions of the Zoning Resolution, except for the modifications specifically granted in this resolution and shown on the plans listed above which have been filed with this application. All zoning computations are subject to verification and approval by the New York City Department of Buildings.

3. Such development shall conform to all applicable laws and regulations relating to its construction, operation and maintenance

4. No development pursuant to this resolution shall be permitted until the Restrictive Declaration dated October 11, 2022 and executed by Innovative Urban Living, LLC, as a condition of the special permit, is recorded and filed in the Office of the Register of the City of New York, County of Kings. Such restrictive declaration shall be deemed incorporated herein.

5. The development shall include those project components related to the environment and mitigation measures identified in the Final Environmental Impact Statement (CEQR No. 20DCP057K) issued on September 30, 2022, and in accordance with the restrictive declaration attached hereto as Exhibit A.

6. In the event the property that is the subject of the application is developed as, sold as, or converted to condominium units, a homeowners' association, or cooperative ownership, a copy of this report and resolution and any subsequent modifications shall be provided to the Attorney General of the State of New York at the time of application for any such condominium, homeowners' or cooperative offering plan and, if the Attorney General so directs, shall be incorporated in full in any offering documents relating to the property.

7. All leases, subleases, or other agreements for use or occupancy of space at the subject property shall give actual notice of this special permit to the lessee, sub-lessee or occupant.

8. Upon the failure of any party having any right, title or interest in the property that is the subject of this application, or the failure of any heir, successor, assign, or legal representative of such party, to observe any of the covenants, restrictions, agreements, terms or conditions of this resolution and the restrictive declaration whose provisions shall constitute conditions of the special permit hereby granted, the City Planning Commission may, without the consent of any other party, revoke any portion of or all of said special permit. Such power of revocation shall be in addition to and not limited to any other powers of the City Planning Commission, or of any other agency of government, or any private person or entity. Any such failure as stated above, or any alteration in the development that is the subject of this application that departs from any of the conditions listed above, is grounds for the City Planning Commission or the City Council, as applicable, to disapprove any application for modification, cancellation or amendment of the special permit hereby granted or of the restrictive declaration.

9. Neither the City of New York nor its employees or agents shall have any liability for money damages by reason of the city or such employees or agents failure to act in accordance with the provisions of this special permit.

* * *

Adopted.

Office of the City Clerk, }
The City of New York, } ss.:

I hereby certify that the foregoing is a true copy of a Resolution passed by The Council of The City of New York on November 22, 2022, on file in this office.

.....
City Clerk, Clerk of The Council

THE COUNCIL OF THE CITY OF NEW YORK
RESOLUTION NO. 404

Resolution approving the decision of the City Planning Commission on ULURP No. C 220314 ZSK, for the grant of a special permit (L.U. No. 146).

By Council Members Salamanca and Riley

WHEREAS, Innovative Urban Living, LLC, filed an application pursuant to Sections 197-c and 201 of the New York City Charter for the special permit pursuant to Section 74-512 of the Zoning Resolution to allow an unattended public parking garage with a maximum capacity of 500 spaces within a proposed 7-story garage building, and to permit some of such spaces to be located on the roof of such public parking garage, in connection with a proposed mixed-use development, on property located at 12020 Flatlands Avenue (Block 4430, Lot 1, and Block 4434, Lots 1 & 10), in an R7-2/C2-4 District, which in conjunction with the related actions would facilitate the construction of an approximately 1.93 million-square-foot mixed-use large-scale general development (LSGD) containing approximately 2,050 residential units, 98,000 square feet of community facility uses, 108,000 square feet of commercial space, four acres of public open space, and a public parking garage located in the East New York neighborhood of Brooklyn, Community District 5 (ULURP No. C 220314 ZSK) (the "Application");

WHEREAS, the City Planning Commission filed with the Council on October 17, 2022, its decision dated October 11, 2022 (the "Decision") on the Application;

WHEREAS, the Application is related to application C 220312 ZMK (L.U. No. 141), a zoning map amendment to rezone an R5 zoning district to an R7-2/C2-4 zoning district; N 220313 ZRK (L.U. No. 142), a zoning text amendment to designate a Mandatory Inclusionary Housing (MIH) area and to Appendix I to expand the boundary of Transit Zone 12 to include the project area; and C 220311 ZSK (L.U. No. 145), a special permit to establish a LSGD and modify bulk regulations;

WHEREAS, the Decision is subject to review and action by the Council pursuant to Section 197-d of the City Charter;

WHEREAS, the City Planning Commission has made the findings required pursuant to Section 74-745(a) of the Zoning Resolution of the City of New York;

WHEREAS, upon due notice, the Council held a public hearing on the Decision and Application on October 25, 2022;

WHEREAS, the Council has considered the land use and environmental implications and other policy issues relating to the Decision and Application; and

WHEREAS, the Council has considered the relevant environmental issues, including the

Positive Declaration issued January 31, 2020 (CEQR No. 20DCP057K) and a Final Environmental Impact Statement (FEIS) for which a Notice of Completion was issued on September 30, 2022, in which potential significant adverse impacts related to hazardous materials, air quality, and noise would be avoided through the placement of (E) designations (E-679) on project site as specified in Chapter 10, Chapter 14, and Chapter 16, respectively, of the FEIS. The FEIS determined that the proposed actions could have significant adverse significant adverse impacts with respect to community facilities (early childhood programs and libraries), open space (temporary), transportation (traffic, subway, bus, pedestrian), noise and construction (traffic, noise); and the identified significant adverse impacts and proposed mitigation measures are summarized in Chapter 20, "Mitigation" of the FEIS, and are included in the Restrictive Declaration.

RESOLVED:

Having considered the FEIS and Technical Memorandum with respect to the Decision and Application, the Council finds that:

1. The FEIS meets the requirements of 6 N.Y.C.R.R. Part 617;

2. The environmental impacts disclosed in the FEIS were evaluated in relation to the social, economic, and other considerations associated with the actions that are set forth in this report; and

3. Consistent with social, economic and other essential considerations from among the reasonable alternatives available, the action is one which avoids or minimizes adverse environmental impacts to the maximum extent practicable; and

4. The adverse environmental impacts disclosed in the FEIS will be minimized or avoided to the maximum extent practicable by incorporating, as conditions to the approval, pursuant to the restrictive declaration dated October 11, 2022, those project components related to environment and mitigation measures that were identified as practicable.

The Decision, together with the FEIS constitute the written statement of facts, and of social, economic and other factors and standards that form the basis of this determination, pursuant to 6 N.Y.C.R.R. §617.11(d).

Pursuant to Sections 197-d and 200 of the City Charter and on the basis of the Decision and Application, and based on the environmental determination and consideration described in the report, C 220314 ZSK, incorporated by reference herein, and the record before the Council, the Council approves the Decision of the City Planning Commission.

1. The property that is the subject of this application (C 220314 ZSK) shall be developed in size and arrangement substantially in accordance with the dimensions, specifications and zoning computations indicated on the following approved plans, prepared by Practice for Architecture Urbanism DPC & VHB, filed with this application and incorporated in this Resolution:

Drawing No.	Title	Last Date Revised
P-000	Public Parking Garage Plan - Zoning Lot	5/09/2022
P-100	Enlarged Public Parking Garage Plan	5/09/2022
P-101	Enlarged Public Parking Garage Plan - Level 1	5/09/2022
P-102	Enlarged Public Parking Garage Plan - Level 2 & 3	5/09/2022
P-103	Enlarged Public Parking Garage Plan - Level 4 & 5	5/09/2022
P-104	Enlarged Public Parking Garage Plan - Level 6 & 7	5/09/2022
P-105	Enlarged Public Parking Garage Plan - Roof	5/09/2022

2. Such development shall conform to all applicable provisions of the Zoning Resolution, except for the modifications specifically granted in this resolution and shown on the plans listed above which have been filed with this application. All zoning computations are subject to verification and approval by the New York City Department of Buildings.

3. Such development shall conform to all applicable laws and regulations relating to its construction, operation and maintenance

4. No development pursuant to this resolution shall be permitted until the Restrictive Declaration dated October 11, 2022 and executed by Innovative Urban Living, LLC, as a condition of the special permit, is recorded and filed in the Office of the Register of the City of New York, County of Kings. Such restrictive declaration shall be deemed

incorporated herein.

5. The development shall include those project components related to the environment and mitigation measures identified in the Final Environmental Impact Statement (CEQR No. 20DCP057K) issued on September 30, 2022, and in accordance with the restrictive declaration attached hereto as Exhibit A.

6. In the event the property that is the subject of the application is developed as, sold as, or converted to condominium units, a homeowners' association, or cooperative ownership, a copy of this report and resolution and any subsequent modifications shall be provided to the Attorney General of the State of New York at the time of application for any such condominium, homeowners' or cooperative offering plan and, if the Attorney General so directs, shall be incorporated in full in any offering documents relating to the property.

7. All leases, subleases, or other agreements for use or occupancy of space at the subject property shall give actual notice of this special permit to the lessee, sub-lessee or occupant.

8. Upon the failure of any party having any right, title or interest in the property that is the subject of this application, or the failure of any heir, successor, assign, or legal representative of such party, to observe any of the covenants, restrictions, agreements, terms or conditions of this resolution and the restrictive declaration whose provisions shall constitute conditions of the special permit hereby granted, the City Planning Commission may, without the consent of any other party, revoke any portion of or all of said special permit. Such power of revocation shall be in addition to and not limited to any other powers of the City Planning Commission, or of any other agency of government, or any private person or entity. Any such failure as stated above, or any alteration in the development that is the subject of this application that departs from any

of the conditions listed above, is grounds for the City Planning Commission or the City Council, as applicable, to disapprove any application for modification, cancellation or amendment of the special permit hereby granted or of the restrictive declaration.

9. Neither the City of New York nor its employees or agents shall have any liability for money damages by reason of the city or such employees or agents failure to act in accordance with the provisions of this special permit.

* * *

Adopted.

Office of the City Clerk, }
The City of New York, } ss.:

I hereby certify that the foregoing is a true copy of a Resolution passed by The Council of The City of New York on November 22, 2022, on file in this office.

City Clerk, Clerk of The Council

Site Code: C224290

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

Please refer to the attached instructions for guidance on completing this application.

Submission of a full BCP application will be required should this application be determined to be a major amendment. If the amendment seeks to add or subtract more than an insignificant acreage of property to the BCA, applicants are encouraged to consult with the DEC project team prior to submitting this application.

PART I. BROWNFIELD CLEANUP AGREEMENT AMENDMENT APPLICATION

1. Check the appropriate box(es) below based on the nature of the amendment modification(s) requested:

☑ Amendment to modify the existing BCA (check one or more boxes below):

- ☑ Add applicant(s)
- ☐ Substitute applicant(s)
- ☐ Remove applicant(s)
- ☐ Change in name of applicant(s)

☐ Amendment to reflect a transfer of title to all or part of the brownfield site:

a. A copy of the recorded deed must be provided. Is this attached? Yes ◯ No ◯

b. ☐ Change in ownership ☐ Additional owner (such as a beneficial owner)

c. Pursuant to 6 NYCRR Part 375-1.11(d), a Change of Use form should have been submitted prior to a transfer of ownership. If this has not yet been submitted, include the form with this application. Is this form attached? Yes ◯ No ◯ Submitted on: _____

☐ Amendment to modify description of the property(ies) listed in the existing BCA

☐ Amendment to expand or reduce property boundaries of the property(ies) listed in the existing BCA

☐ Sites in Bronx, Kings, New York, Queens or Richmond Counties ONLY: amendment to request determination that the site is eligible for tangible property credit component of the brownfield redevelopment tax credit.

☐ Other (explain in detail below)

2. REQUIRED: Please provide a brief narrative describing the specific requests included in this amendment:

IUV Phase 1 LIHTC Owner LLC, the prospective beneficial owner of the BCA Site, is being added to the BCA. IUV Phase 1 LIHTC Owner LLC has no prior relationship with any current or past owners or operators of the Site. IUV Phase 1 LIHTC Owner LLC did not cause any of the contamination of the Site, therefore, IUV Phase 1 LIHTC Owner LLC is a Volunteer. Current Volunteers Innovative Urban Living, LLC and IUV Phase I Owner, LLC will remain parties on the BCA. Please see Ex. A DOS Entity Filing, Ex. B the LLC Organizational Chart and Ex. C the Certification Statement. Christian Cultural Center, Inc. remains the title owner of the BCP Site, however, on or before the date of the Construction Loan Closing, title of the Site will be transferred to Urban Living Alternatives, LLC and then will be immediately transfered to IUV Phase 1A Housing Development Fund Corporation. Urban Living Alternatives, LLC and IUV Phase 1A Housing Development Fund Corporation are not being added to the BCA at this time. Please see Ex. D Site Access Agreement and Ex. E for the Written Consents.

SECTION I: CURRENT AGREEMENT INFORMATION *This section must be completed in full. Attach additional pages as necessary.*	
BCP SITE NAME: 12096 Flatlands Avenue	BCP SITE CODE: C224290
NAME OF CURRENT APPLICANT(S): Innovative Urban Living, LLC and IUV Phase I Owner, LLC	
INDEX NUMBER OF AGREEMENT: C224290-04-19	DATE OF ORIGINAL AGREEMENT: 05/31/2019

SECTION II: NEW REQUESTOR INFORMATION *Complete this section only if adding new requestor(s) or the name of an existing requestor has changed.*		
NAME: IUV Phase 1 LIHTC Owner LLC		
ADDRESS: c/o Gotham Organization, 432 Park Avenue South, 2nd Floor		
CITY/TOWN: New York, New York		ZIP CODE: 10016
PHONE: (212) 599-0520	EMAIL: smaleh@gothamorg.com	
REQUESTOR CONTACT: Simeon Maleh		
ADDRESS: c/o Gotham Organization, 432 Park Avenue South, 2nd Floor		
CITY/TOWN: New York, New York		ZIP CODE: 10016
PHONE: (212) 599-0520	EMAIL: smaleh@gothamorg.com	
REQUESTOR'S CONSULTANT: Langan	CONTACT: Amanda Forsburg	
ADDRESS: 30 Kimball Drive		
CITY/TOWN: Parsippany, New Jersey		ZIP CODE: 07054
PHONE: (973) 560-4982	EMAIL: sciambruschini@Langan.com; aforsburg@langan.com	
REQUESTOR'S ATTORNEY: Knauf Shaw LLP	CONTACT: Linda R. Shaw, Esq.	
ADDRESS: 2600 Innovation Square, 100 S. Clinton Avenue		
CITY/TOWN: Rochester, New York		ZIP CODE: 14604
PHONE: (585) 546-8430	EMAIL: lshaw@nyenvlaw.com	

		Y	N
1.	Is the requestor authorized to conduct business in New York State?	◉	○
2.	If the requestor is a corporation, LLC, LLP, or other entity requiring authorization from the NYS Department of State (NYSDOS) to conduct business in NYS, the requestor's name must appear exactly as given above in the NYSDOS Corporation & Business Entity Database. A print-out of entity information from the NYSDOS database must be submitted with this application. Is this print-out attached?	◉	○
3.	Requestor must submit proof that the party signing this application and amendment has the authority to bind the requestor. This would be documentation showing the authority to bind the requestor in the form of corporate organizational papers, a Corporate Resolution or an Operating Agreement or Resolution for an LLC. Is this proof attached?	◉	○
4.	If the requestor is an LLC, the names of the members/owners must be provided. Is this information attached? **N/A** ○	◉	○

5. Describe the new requestor's relationship to all existing applicants:

Please see attached Organization Chart attached as Exhibit B.

SECTION III: CURRENT PROPERTY OWNER/OPERATOR INFORMATION *Complete this section only if a transfer of ownership has taken place. Attach additional pages if necessary.*			
Owner listed below is: ☐ Existing Applicant ☐ New Applicant ☐ Non-Applicant			
OWNER'S NAME:		CONTACT:	
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		
OPERATOR:		CONTACT:	
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION
Complete this section only if adding new requestor(s). Attach additional pages if necessary.

If answering "yes" to any of the following questions, please provide additional information as an attachment. Please refer to ECL § 27-1407 for details.

	Y	N
1. Are any enforcement actions pending against the requestor regarding this site?	○	◉
2. Is the requestor presently subject to an existing order for the investigation, removal or remediation relating to contamination at the site?	○	◉
3. Is the requestor subject to an outstanding claim by the Spill Fund for the site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.	○	◉
4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of (i) any provision of the subject law; (ii) any order or determination; (iii) any regulation implementing ECL Article 27 Title 14; or (iv) any similar statute or regulation of the state or federal government? If so, provide additional information as an attachment.	○	◉
5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as site name, address, DEC site number, reason for denial, and any other relevant information.	○	◉
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting or contaminants?	○	◉
7. Has the requestor been convicted of a criminal offense (i) involving the handling, storing, treating, disposing or transporting of contaminants; or (ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state?	○	◉
8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of the Department, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to the Department?	○	◉

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION (continued)	Y	N
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.9(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application?	○	◉
10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order?	○	◉
11. Are there any unregistered bulk storage tanks on-site which require registration?	○	◉

12. THE NEW REQUESTOR MUST CERTIFY THAT IT IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL § 27-1405(1) BY CHECKING ONE OF THE BOXES BELOW:

☐ PARTICIPANT	☑ VOLUNTEER
A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of a hazardous waste or discharge of petroleum. NOTE: By checking this box, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that they have exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: (i) stop any continuing discharge; (ii) prevent any threatened future release; (iii) prevent or limit human, environmental or natural resource exposure to any previously released hazardous waste. **If a requestor's liability arises solely as a result of ownership, operation of or involvement with the site, they must submit a statement describing why they should be considered a volunteer – be specific as to the appropriate care taken.**

	N/A	Y	N
13. If the requestor is a volunteer, is a statement describing why the requestor should be considered a volunteer attached?	○	◉	○

14. Requestor's relationship to the property (check all that apply):

☐ Prior Owner ☐ Current Owner ☐ Potential/Future Purchaser ☑ Other: Prospective Beneficial Owner

	N/A	Y	N
15. If the requestor is not the current site owner, proof of site access sufficient to complete the remediation must be submitted. Proof must show that the requestor will have access to the property before being added to the BCA and throughout the BCP project, including the ability to place an easement on the site. Is this proof attached?	○	◉	○

Site Code: C224290

SECTION V: PROPERTY DESCRIPTION AND REQUESTED CHANGES

Complete this section only if property is being added to or removed from the site, a lot merger or other change to site SBL(s) has occurred, or if modifying the site address for any reason.

1. Property information on current agreement (as modified by any previous amendments, if applicable):

ADDRESS:

CITY/TOWN | ZIP CODE:

CURRENT PROPERTY INFORMATION | TOTAL ACREAGE OF CURRENT SITE:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

2. Requested change (check appropriate boxes below):

☐ a. Addition of property (may require additional citizen participation depending on the nature of the expansion – see instructions)

PARCELS ADDED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE ADDED: _____

☐ b. Reduction of property

PARCELS REMOVED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE REMOVED: _____

☐ c. Change to SBL (e.g., lot merge, subdivision, address change)

NEW PROPERTY INFORMATION:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

3. TOTAL REVISED SITE ACREAGE: _____

4. For all changes requested in this section, documentation must be provided. Required attachments are listed in the application instructions. Is the required documentation attached?	Y ◯	N ◯

APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT SUPPLEMENT QUESTIONS FOR SITE SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY

Complete this section only if the site is located within the five counties comprising New York City and the requestor is seeking a determination of eligibility for tangible property credits. Provide supporting documentation as required. Refer to the application instructions for additional information.

	Y	N
1. Is the site located in Bronx, Kings, New York, Queens or Richmond County?	○	○
2. Is the requestor seeking a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit?	○	○
3. Is at least 50% of the site area located within an environmental zone pursuant to Tax Law 21(6)? Please see DEC's website for more information.	○	○
4. Is the property upside down as defined below? **From ECL 27-1405(31):** "Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.	○	○
5. Is the project and affordable housing project as defined below? **From 6 NYCRR 375-3.2(a) as of August 12, 2016:** (a) "Affordable housing project" means, for purposes of this part, title fourteen of article twenty-seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units. (1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants' household's annual gross income. (2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which sets affordable units aside for homeowners at a defined maximum percentage of the area median income. (3) "Area median income" means, for purposes of this subdivision, the area median income for the primary metropolitan statistical area, or for the county if located outside a metropolitan statistical area, as determined by the United States Department of Housing and Urban Development, or its successor, for a family of four, as adjusted for family size.	○	○

APPLICATION SUPPLEMENT FOR NYC SITES (continued)	Y	N
6. Is the project a planned renewable energy facility site as defined below? **From ECL 27-1405(33) as of April 9, 2022:** "Renewable energy facility site" shall mean real property (a) this is used for a renewable energy system, as defined in section sixty-six-p of the public service law; or (b) any co-located system storing energy generated from such a renewable energy system prior to delivering it to the bulk transmission, sub-transmission, or distribution system. **From Public Service Law Article 4 Section 66-p as of April 23, 2021:** (b) "renewable energy systems" means systems that generate electricity or thermal energy through use of the following technologies: solar thermal, photovoltaics, on land and offshore wind, hydroelectric, geothermal electric, geothermal ground source heat, tidal energy, wave energy, ocean thermal, and fuel cells which do not utilize a fossil fuel resource in the process of generating electricity.	○	○
7. Is the site located within a disadvantaged community, within a designated Brownfield Opportunity Area, and meets the conformance determinations pursuant to subdivision ten of section nine-hundred-seventy-r of the general municipal law? **From ECL 75-0111 as of April 9, 2022:** (5) "Disadvantaged communities" means communities that bear the burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high-concentrations of low- and moderate-income households, as identified pursuant to section 75-0111 of this article.	○	○

Site Code: C224290

PART II. BROWNFIELD CLEANUP PROGRAM AMENDMENT	
EXISTING AGREEMENT INFORMATION	
BCP SITE NAME: 12096 Flatlands Avenue	BCP SITE CODE: C224290
NAME OF CURRENT APPLICANT(S): Innovative Urban Living, LLC and IUV Phase I Owner, LLC	
INDEX NUMBER OF AGREEMENT: C224290-04-19	DATE OF ORIGINAL AGREEMENT 05/31/2019

Declaration of Amendment:

By the requestor(s) and/or applicant(s) signature(s) below, and subsequent signature by the Department, the above application to amend the Brownfield Cleanup Agreement described above is hereby approved. This Amendment is made in accordance with and subject to all of the BCA and all applicable guidance, regulations and state laws applicable thereto. All other substantive and procedural terms of the Agreement will remain unchanged and in full force and effect regarding the parties to the Agreement.

Nothing contained herein constitutes a waiver by the Department or the State of New York of any rights held in accordance with the Agreement or any applicable state and/or federal law or a release for any party from obligations held under the Agreement or those same laws.

STATEMENT OF CERTIFICATION AND SIGNATURES: NEW REQUESTOR

Complete the appropriate section (individual or entity) below only if this Amendment adds a new requestor. Attach additional pages as needed.

(Individual)

I hereby affirm that the information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am Authorized Representative (title) of IUV Phase 1 LIHTC Owner LLC (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

David L. Picket's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 2-20-2024 Signature: _____

Print Name: David L. Picket

Site Code: C2 24290

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)
An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed.

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity) Managing Member

I hereby affirm that I am Authorized Representative of GO UCL, LLC (title) of Managing Member of Innovative Urban Living, LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. David L. Picket's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 2-20-2024 Signature: _____

Print Name: David L. Picket

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☐ PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	☒ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: 05/31/2019

Signature by the Department:

DATED: 3/18/2024

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:

Janet E. Brown

Janet E. Brown, Assistant Director
Division of Environmental Remediation

Site Code: C224290

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)
An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed.

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am Authorized Representative (title) of IUV Phase I Owner, LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. David L. Picket's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 2-20-24 Signature: _____

Print Name: David L. Picket

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☐ PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	☒ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: 05/31/2019

Signature by the Department:

DATED: 3/18/2024

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:

Janet E. Brown

Janet E. Brown, Assistant Director
Division of Environmental Remediation

EXHIBIT A

Department of State
Division of Corporations

Entity Information

Return to Results | Return to Search

Entity Details

ENTITY NAME: IUV PHASE 1 LIHTC OWNER LLC

DOS ID: 7237373

FOREIGN LEGAL NAME: IUV PHASE 1 LIHTC OWNER LLC

FICTITIOUS NAME:

ENTITY TYPE: FOREIGN LIMITED LIABILITY COMPANY

DURATION DATE/LATEST DATE OF DISSOLUTION:

SECTIONOF LAW: LIMITED LIABILITY COMPANY - 802 LIMITED LIABILITY COMPANY LAW - LIMITED LIABILITY COMPANY LAW

ENTITY STATUS: ACTIVE

DATE OF INITIAL DOS FILING: 01/24/2024

REASON FOR STATUS:

EFFECTIVE DATE INITIAL FILING: 01/24/2024

INACTIVE DATE:

FOREIGN FORMATION DATE: 11/10/2022

STATEMENT STATUS: CURRENT

COUNTY: WESTCHESTER

NEXT STATEMENT DUE DATE: 01/31/2026

JURISDICTION: DELAWARE, UNITED STATES

NFP CATEGORY:

ENTITY DISPLAY | NAME HISTORY | FILING HISTORY | MERGER HISTORY | ASSUMED NAME HISTORY

Service of Process on the Secretary of State as Agent

The Post Office address to which the Secretary of State shall mail a copy of any process against the corporation served upon the Secretary of State by personal delivery:

Name: C/O UNITED CORPORATE SERVICES, INC.

Address: 10 BANK STREET, SUITE 560, WHITE PLAINS, NY, UNITED STATES, 10606

Electronic Service of Process on the Secretary of State as agent: Not Permitted

Chief Executive Officer's Name and Address

Name:

Address:

Principal Executive Office Address

Address:

Registered Agent Name and Address

Name: UNITED CORPORATE SERVICES, INC.

Address: 10 BANK STREET, SUITE 560, WHITE PLAINS, NY, 10606

Entity Primary Location Name and Address

Name:

Address:

Farmcorpflag

Is The Entity A Farm Corporation: NO

Stock Information

Share Value	Number Of Shares	Value Per Share

EXHIBIT B

Innovative Urban Living – Phase 1A – Mixed Use, Affordable Housing Project

Ownership structure for GS Affiliate Admission

Version Date: 11/1/2022

Slide 1

Parcel A

Block 4434 Lot 10

(Buildings 1 & 2)

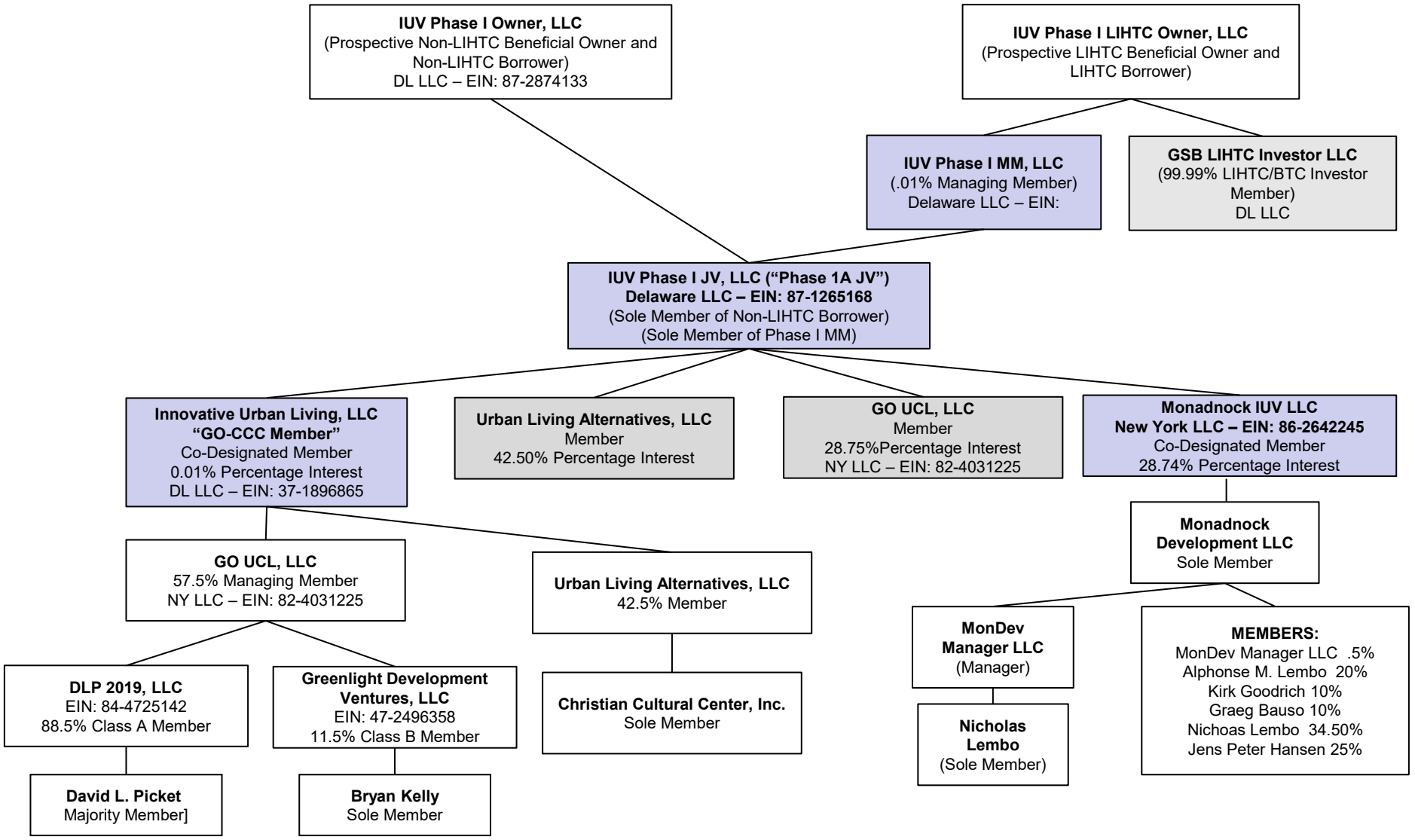


EXHIBIT C

REQUESTOR CERTIFICATION

The Requestor, IUV Phase 1 LIHTC Owner LLC, certifies it is a Volunteer, since it does not own the Site, and does not have nor has ever had a relationship with any of the past owners or operators of the Site that caused the contamination of the Brownfield Cleanup Program ("BCP") 12096 Flatlands Avenue BCP Site No. C224290 with an address of 12096 Flatlands Avenue, Brooklyn, New York ("BCP Site"). Requestor did not have involvement with the Site at the time of disposal.

Certified by _____

IUV Phase 1 LIHTC Owner LLC
David L. Picket, Authorized Signatory

EXHIBIT D

Christian Cultural Center, Inc.
Attn: A.R. Bernard, Sr.
12020 Flatlands Avenue
Brooklyn, New York 11207

Re: Site Access to Perform Brownfield Cleanup Program Work
12096 Flatlands Avenue
Brooklyn Block 4434 Lot 10

Dear A.R. Bernard, Sr.:

Innovative Urban Living, LLC submitted a Brownfield Cleanup Program ("BCP") Application to the New York State Department of Environmental Conservation to voluntarily investigate and remediate the following property: 12096 Flatlands Avenue, Brooklyn, New York 11207 (1.572 acres) Brooklyn Block 4434, Lot 10. The BCP Site is known as 12096 Flatlands Avenue, Site Code C224290 (the "BCP Site"). As you know, Christian Cultural Center, Inc. owns the BCP Site. IUV Phase 1 LIHTC Owner LLC is being added to the Brownfield Cleanup Agreement ("BCA") as a volunteer.

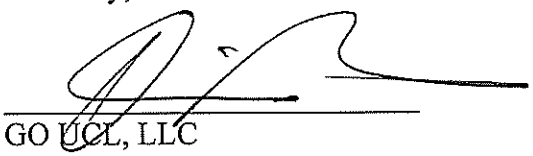
IUV Phase 1 LIHTC Owner LLC needs your written permission below to access your property for the purpose of performing environmental investigation and remediation work to be added to the BCA for this BCP Site.

If you agree to sign below, you are granting IUV Phase 1 LIHTC Owner LLC a "temporary license" to allow an appropriate contractor hired to enter the property to perform investigation and remediation work. They promise to provide you with copies of any information generated about the property, and if they do accidentally damage your property in any way, they agree to repair the damages and to restore the property to the way it was before entered. Their contractor will also maintain insurance that would cover any accidents on the job. They promise to minimize any and all inconvenience to you in connection with this work and will give you one week's notice before the work begins.

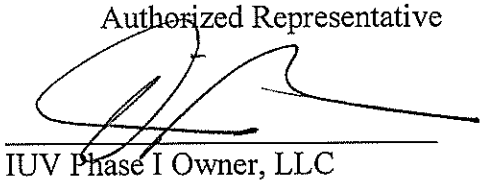
In addition, in the unlikely circumstance that you still own the BCP Site when the remediation is complete and the Certificate of Completion is about to be obtained, and a Track 1 remediation level is not achieved, you are hereby also agreeing to impose an environmental easement on the BCP Site if required by the New York State Department of Environmental Conservation. If you have any questions, please do not hesitate to call Stephen Strateman, our Project Manager, at (212)599-0520. Otherwise, please sign below so that this work can proceed.

Thank you for your cooperation.

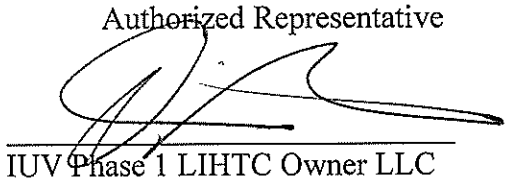
Sincerely,



GO UCL, LLC
Managing Member of Innovative Urban Living, LLC
By. David L. Picket
Authorized Representative

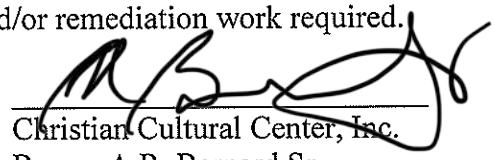


IUV Phase I Owner, LLC
By. David L. Picket
Authorized Representative



IUV Phase 1 LIHTC Owner LLC
By. David L. Picket
Authorized Representative

As an authorized signatory for the BCP Site owner, I am authorized to grant this temporary license and agree to allow IUV Phase 1 LIHTC Owner LLC and its agents to enter the BCP Site to perform the BCP Investigation and/or remediation work required.



Christian Cultural Center, Inc.
By: A.R. Bernard Sr.
Authorized Representative

EXHIBIT E

WRITTEN CONSENT

The undersigned, GO UCL LLC, the Managing Member of Innovative Urban Living, LLC, does hereby certify as follows:

1. Innovative Urban Living, LLC is the prospective volunteer for the Brownfield Cleanup Program ("Volunteer"), which entity intends to perform investigation and remediation work on a portion of 12120 Flatlands Avenue, Brooklyn, New York 11207, Brooklyn Block 4434 Lot 1 (the "Site"). Final subdivision approval is pending, which will result in the Site being known as Block 4434 Lot 10.

2. The following person, David L. Picket, the Authorized Representative of GO UCL LLC, which is the Managing Member of the Volunteer, has been authorized to execute any documents required by the New York State Department of Environmental Conservation on behalf of the Volunteer, including but not limited to the BCP Application, the Brownfield Cleanup Agreement ("BCA"), Applications to Amend the BCA, Change of Use Notifications, Certificate of Completion, and if required, an Environmental Easement.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on this 9 ay of N ov, 2018.

GO UCL LLC

By: Bryan Kelly
Authorized Representative of GO UCL LLC
Managing Member of Innovative Urban Living, LLC

WRITTEN CONSENT

The undersigned, being an Authorized Representative of IUV Phase 1 LIHTC Owner LLC, does hereby certify as follows:

1. IUV Phase 1 LIHTC Owner LLC, is the prospective volunteer to be added to the existing Brownfield Cleanup Program ("BCP") Agreement ("BCA") Index No. C224290-04-1 9 for real property located at 12096 Flatlands Avenue Brooklyn, New York 11207 (Brooklyn Block 4434 Lot 10) and which is known as the 12096 Flatlands Avenue BCP Site No. C224290, (the "BCP Site")

2. The following person, David L. Picket, the Authorized Representative of IUV Phase 1 LIHTC Owner LLC has been authorized to execute any documents required by the New York State Department of Environmental Conservation on behalf of prospective BCP Site Volunteer IUV Phase 1 LIHTC Owner LLC, including but not limited to the BCA, Applications to Amend the BCA, Change of Use Notifications, the Certificate of Completion, and if required an Environmental Easement.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on this 20th day of February, 2023.

IUV Phase 1 LIHTC Owner LLC

Bryan Kelly

By: Bryan Kelly
Authorized Representative

WRITTEN CONSENT

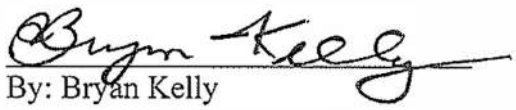
The undersigned, being an Authorized Representative of IUV Phase I Owner, LLC, the beneficial owner of the BCA Site described below, does hereby certify as follows:

1. IUV Phase I Owner, LLC, is a prospective volunteer to be added to the existing Brownfield Cleanup Program ("BCP") Agreement ("BCA") Index No. C224290-04-19 for real property located at 12096 Flatlands Avenue Brooklyn, New York 11207 (Brooklyn Block 4434 Lot 10) and which is known as the 12096 Flatlands Avenue BCP Site No. C224290, (the "BCP Site").

2. The following person, David L Picket, the Authorized Representative of IUV Phase I Owner, LLC, has been authorized to execute any documents required by the New York State Department of Environmental Conservation on behalf of prospective BCP Site Volunteer IUV Phase I Owner, LLC, including but not limited to the BCA, Applications to Amend the BCA, Change of Use Notifications, Certificate of Completion, and if required, an Environmental Easement.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on this 15th day of August 2023.

IUV Phase I Owner, LLC



By: Bryan Kelly
Authorized Representative of IUV Phase 1 Owner, LLC

Site Code: C224290

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

Please refer to the attached instructions for guidance on completing this application.

Submission of a full BCP application will be required should this application be determined to be a major amendment. If the amendment seeks to add or subtract more than an insignificant acreage of property to the BCA, applicants are encouraged to consult with the DEC project team prior to submitting this application.

PART I. BROWNFIELD CLEANUP AGREEMENT AMENDMENT APPLICATION

1. Check the appropriate box(es) below based on the nature of the amendment modification(s) requested:

☐ Amendment to modify the existing BCA (check one or more boxes below):

- ☐ Add applicant(s)
- ☐ Substitute applicant(s)
- ☐ Remove applicant(s)
- ☐ Change in name of applicant(s)

☑ Amendment to reflect a transfer of title to all or part of the brownfield site:

a. A copy of the recorded deed must be provided. Is this attached? Yes ◉ No ○

b. ☑ Change in ownership ☐ Additional owner (such as a beneficial owner)

c. Pursuant to 6 NYCRR Part 375-1.11(d), a Change of Use form should have been submitted prior to a transfer of ownership. If this has not yet been submitted, include the form with this application. Is this form attached? Yes ◉ No ○ Submitted on: _____

☐ Amendment to modify description of the property(ies) listed in the existing BCA

☐ Amendment to expand or reduce property boundaries of the property(ies) listed in the existing BCA

☐ Sites in Bronx, Kings, New York, Queens or Richmond Counties ONLY: amendment to request determination that the site is eligible for tangible property credit component of the brownfield redevelopment tax credit.

☐ Other (explain in detail below)

2. REQUIRED: Please provide a brief narrative describing the specific requests included in this amendment:

Current volunteer IUV Phase I Owner, LLC has an amended name of IUV Phase 1 Owner, LLC. See the Delaware and New York Certificates of Amendment attached as Exhibit A. Current volunteer IUV Phase 1 LIHTC Owner LLC has an amended name of IUV Phase 1 LIHTC Owner, LLC. See the Certificate of Amendment attached as Exhibit B. On 3/27/2024, Christian Cultural Center, Inc. transfered fee title of the BCP Site to Urban Living Alternatives, LLC, by deed recorded 4/1/2024. See Deed attached as Exhibit C. Immediately, thereafter, Urban Living Alternatives, LLC transfered title of the BCP Site to IUV Phase 1A Housing Development Fund Corporation as nominee for renamed volunteers IUV Phase 1 Owner, LLC and IUV Phase 1 LIHTC Owner, LLC. See the Deed attached as Exhibit D. Also on 4/1/2024, a Declaration of Interest and Nominee Agreement between IUV Phase 1A Housing Development Fund Corporation, IUV Phase 1 Owner, LLC and IUV Phase 1 LIHTC Owner, LLC was recorded. See the Agreement attached as Exhibit E. Therefore, IUV Phase 1A Housing Development Fund Corporation is the title owner of the Site and current renamed Volunteers, IUV Phase 1 Owner, LLC and IUV Phase 1 LIHTC Owner, LLC are the beneficial owners of the Site. In addition, an Application has been submitted to the City of New York to apply approximately 22 new addresses to the various planned structures on the site. However, the the overall property has been provided by the City Department of Buildings an address of 30 Inspiration Lane. See the Application for Street Numbers Attached as Exhibit F. Therefore, the Site address should now be known as 30 Inspiration Lane (f/k/a 12096 Flatlands Avenue and N/A Flatlands Avenue).

SECTION I: CURRENT AGREEMENT INFORMATION *This section must be completed in full. Attach additional pages as necessary.*	
BCP SITE NAME: 12096 Flatlands Avenue	BCP SITE CODE: C224290
NAME OF CURRENT APPLICANT(S): Innovative Urban Living, LLC, & renamed IUV Phase 1 Owner, LLC and IUV Phase 1 LIHTC Owner, LLC	
INDEX NUMBER OF AGREEMENT: C224290-04-19	DATE OF ORIGINAL AGREEMENT: 05/31/2019

SECTION II: NEW REQUESTOR INFORMATION *Complete this section only if adding new requestor(s) or the name of an existing requestor has changed.*			
NAME:			
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		
REQUESTOR CONTACT:			
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		
REQUESTOR'S CONSULTANT:	CONTACT:		
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		
REQUESTOR'S ATTORNEY:	CONTACT:		
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		

		Y	N
1.	Is the requestor authorized to conduct business in New York State?	○	○
2.	If the requestor is a corporation, LLC, LLP, or other entity requiring authorization from the NYS Department of State (NYSDOS) to conduct business in NYS, the requestor's name must appear exactly as given above in the NYSDOS Corporation & Business Entity Database. A print-out of entity information from the NYSDOS database must be submitted with this application. Is this print-out attached?	○	○
3.	Requestor must submit proof that the party signing this application and amendment has the authority to bind the requestor. This would be documentation showing the authority to bind the requestor in the form of corporate organizational papers, a Corporate Resolution or an Operating Agreement or Resolution for an LLC. Is this proof attached?	○	○
4.	If the requestor is an LLC, the names of the members/owners must be provided. Is this information attached? **N/A** ○	○	○
5.	Describe the new requestor's relationship to all existing applicants:		

Site Code: C224290

SECTION III: CURRENT PROPERTY OWNER/OPERATOR INFORMATION *Complete this section only if a transfer of ownership has taken place. Attach additional pages if necessary.*			
Owner listed below is: ☐ Existing Applicant ☐ New Applicant ☑ Non-Applicant			
OWNER'S NAME: IUV Phase 1A Housing Development Fund Corporation, Title Owner		CONTACT: Jim Halek	
ADDRESS: c/o Christian Cultural Center, Inc., 12020 Flatlands Avenue			
CITY/TOWN: Brooklyn, New York		ZIP CODE: 11207	
PHONE: (718) 306-1000	EMAIL: jhalek@integritydevelopment.com		
OPERATOR:		CONTACT:	
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION
Complete this section only if adding new requestor(s). Attach additional pages if necessary.

If answering "yes" to any of the following questions, please provide additional information as an attachment. Please refer to ECL § 27-1407 for details.

	Y	N
1. Are any enforcement actions pending against the requestor regarding this site?	○	○
2. Is the requestor presently subject to an existing order for the investigation, removal or remediation relating to contamination at the site?	○	○
3. Is the requestor subject to an outstanding claim by the Spill Fund for the site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.	○	○
4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of (i) any provision of the subject law; (ii) any order or determination; (iii) any regulation implementing ECL Article 27 Title 14; or (iv) any similar statute or regulation of the state or federal government? If so, provide additional information as an attachment.	○	○
5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as site name, address, DEC site number, reason for denial, and any other relevant information.	○	○
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting or contaminants?	○	○
7. Has the requestor been convicted of a criminal offense (i) involving the handling, storing, treating, disposing or transporting of contaminants; or (ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state?	○	○
8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of the Department, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to the Department?	○	○

SECTION III: CURRENT PROPERTY OWNER/OPERATOR INFORMATION *Complete this section only if a transfer of ownership has taken place. Attach additional pages if necessary.*			
Owner listed below is:	☑ Existing Applicant	☐ New Applicant	☐ Non-Applicant
OWNER'S NAME: IUV Phase 1 LIHTC Owner, LLC, Beneficial Owner		CONTACT: Simeon Maleh	
ADDRESS: c/o Gotham Organization, 432 Park Avenue South, 2nd Floor			
CITY/TOWN: New York, New York		ZIP CODE: 10016	
PHONE: (212) 599-0520	EMAIL: smaleh@gothamorg.com		
OPERATOR:		CONTACT:	
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION
Complete this section only if adding new requestor(s). Attach additional pages if necessary.

If answering "yes" to any of the following questions, please provide additional information as an attachment. Please refer to ECL § 27-1407 for details.

	Y	N
1. Are any enforcement actions pending against the requestor regarding this site?	○	○
2. Is the requestor presently subject to an existing order for the investigation, removal or remediation relating to contamination at the site?	○	○
3. Is the requestor subject to an outstanding claim by the Spill Fund for the site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.	○	○
4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of (i) any provision of the subject law; (ii) any order or determination; (iii) any regulation implementing ECL Article 27 Title 14; or (iv) any similar statute or regulation of the state or federal government? If so, provide additional information as an attachment.	○	○
5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as site name, address, DEC site number, reason for denial, and any other relevant information.	○	○
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting or contaminants?	○	○
7. Has the requestor been convicted of a criminal offense (i) involving the handling, storing, treating, disposing or transporting of contaminants; or (ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state?	○	○
8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of the Department, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to the Department?	○	○

SECTION III: CURRENT PROPERTY OWNER/OPERATOR INFORMATION *Complete this section only if a transfer of ownership has taken place. Attach additional pages if necessary.*			
Owner listed below is:	☑ Existing Applicant	☐ New Applicant	☐ Non-Applicant
OWNER'S NAME: IUV Phase 1 Owner, LLC, Beneficial Owner		CONTACT: Simeon Maleh	
ADDRESS: c/o Gotham Organization, 432 Park Avenue South, 2nd Floor			
CITY/TOWN: New York, New York		ZIP CODE: 10016	
PHONE: (212) 599-0520	EMAIL: smaleh@gothamorg.com		
OPERATOR:		CONTACT:	
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION *Complete this section only if adding new requestor(s). Attach additional pages if necessary.*		
If answering "yes" to any of the following questions, please provide additional information as an attachment. Please refer to ECL § 27-1407 for details.		
	Y	**N**
1. Are any enforcement actions pending against the requestor regarding this site?	○	○
2. Is the requestor presently subject to an existing order for the investigation, removal or remediation relating to contamination at the site?	○	○
3. Is the requestor subject to an outstanding claim by the Spill Fund for the site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.	○	○
4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of (i) any provision of the subject law; (ii) any order or determination; (iii) any regulation implementing ECL Article 27 Title 14; or (iv) any similar statute or regulation of the state or federal government? If so, provide additional information as an attachment.	○	○
5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as site name, address, DEC site number, reason for denial, and any other relevant information.	○	○
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting or contaminants?	○	○
7. Has the requestor been convicted of a criminal offense (i) involving the handling, storing, treating, disposing or transporting of contaminants; or (ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state?	○	○
8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of the Department, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to the Department?	○	○

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION (continued)	Y	N
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.9(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application?	◯	◯
10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order?	◯	◯
11. Are there any unregistered bulk storage tanks on-site which require registration?	◯	◯

12. THE NEW REQUESTOR MUST CERTIFY THAT IT IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL § 27-1405(1) BY CHECKING ONE OF THE BOXES BELOW:

☐ PARTICIPANT	☐ VOLUNTEER
A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of a hazardous waste or discharge of petroleum. NOTE: By checking this box, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that they have exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: (i) stop any continuing discharge; (ii) prevent any threatened future release; (iii) prevent or limit human, environmental or natural resource exposure to any previously released hazardous waste. **If a requestor's liability arises solely as a result of ownership, operation of or involvement with the site, they must submit a statement describing why they should be considered a volunteer – be specific as to the appropriate care taken.**

	N/A	Y	N
13. If the requestor is a volunteer, is a statement describing why the requestor should be considered a volunteer attached?	◯	◯	◯

14. Requestor's relationship to the property (check all that apply):

☐ Prior Owner ☐ Current Owner ☐ Potential/Future Purchaser ☐ Other: _____

	N/A	Y	N
15. If the requestor is not the current site owner, proof of site access sufficient to complete the remediation must be submitted. Proof must show that the requestor will have access to the property before being added to the BCA and throughout the BCP project, including the ability to place an easement on the site. Is this proof attached?	◯	◯	◯

SECTION V: PROPERTY DESCRIPTION AND REQUESTED CHANGES

Complete this section only if property is being added to or removed from the site, a lot merger or other change to site SBL(s) has occurred, or if modifying the site address for any reason.

1. Property information on current agreement (as modified by any previous amendments, if applicable):

ADDRESS: 12096 Flatlands Avenue

CITY/TOWN Brooklyn, New York | ZIP CODE: 11207

CURRENT PROPERTY INFORMATION | TOTAL ACREAGE OF CURRENT SITE: 1.572

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE
12096 Flatlands Avenue	Brooklyn	4434	10	1.572

2. Requested change (check appropriate boxes below):

☐ a. Addition of property (may require additional citizen participation depending on the nature of the expansion – see instructions)

PARCELS ADDED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE ADDED: _____

☐ b. Reduction of property

PARCELS REMOVED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE REMOVED: _____

☑ c. Change to SBL (e.g., lot merge, subdivision, address change)

NEW PROPERTY INFORMATION:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE
30 Inspiration Lane (f/k/a 12096 Flatlands Avenue and N/A Flatlands Avenue)	Brooklyn	4434	10	1.572

3. TOTAL REVISED SITE ACREAGE: 1.572

4. For all changes requested in this section, documentation must be provided. Required attachments are listed in the application instructions. Is the required documentation attached?	Y	N
	◉	○

APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT SUPPLEMENT QUESTIONS FOR SITE SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY

Complete this section only if the site is located within the five counties comprising New York City and the requestor is seeking a determination of eligibility for tangible property credits. Provide supporting documentation as required. Refer to the application instructions for additional information.

	Y	N
1. Is the site located in Bronx, Kings, New York, Queens or Richmond County?	○	○
2. Is the requestor seeking a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit?	○	○
3. Is at least 50% of the site area located within an environmental zone pursuant to Tax Law 21(6)? Please see DEC's website for more information.	○	○
4. Is the property upside down as defined below? **From ECL 27-1405(31):** "Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.	○	○
5. Is the project and affordable housing project as defined below? **From 6 NYCRR 375-3.2(a) as of August 12, 2016:** (a) "Affordable housing project" means, for purposes of this part, title fourteen of article twenty-seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units. (1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants' household's annual gross income. (2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which sets affordable units aside for homeowners at a defined maximum percentage of the area median income. (3) "Area median income" means, for purposes of this subdivision, the area median income for the primary metropolitan statistical area, or for the county if located outside a metropolitan statistical area, as determined by the United States Department of Housing and Urban Development, or its successor, for a family of four, as adjusted for family size.	○	○

APPLICATION SUPPLEMENT FOR NYC SITES (continued)	Y	N
6. Is the project a planned renewable energy facility site as defined below? **From ECL 27-1405(33) as of April 9, 2022:** "Renewable energy facility site" shall mean real property (a) this is used for a renewable energy system, as defined in section sixty-six-p of the public service law; or (b) any co-located system storing energy generated from such a renewable energy system prior to delivering it to the bulk transmission, sub-transmission, or distribution system. **From Public Service Law Article 4 Section 66-p as of April 23, 2021:** (b) "renewable energy systems" means systems that generate electricity or thermal energy through use of the following technologies: solar thermal, photovoltaics, on land and offshore wind, hydroelectric, geothermal electric, geothermal ground source heat, tidal energy, wave energy, ocean thermal, and fuel cells which do not utilize a fossil fuel resource in the process of generating electricity.	○	○
7. Is the site located within a disadvantaged community, within a designated Brownfield Opportunity Area, and meets the conformance determinations pursuant to subdivision ten of section nine-hundred-seventy-r of the general municipal law? **From ECL 75-0111 as of April 9, 2022:** (5) "Disadvantaged communities" means communities that bear the burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high-concentrations of low- and moderate-income households, as identified pursuant to section 75-0111 of this article.	○	○

PART II. BROWNFIELD CLEANUP PROGRAM AMENDMENT	
EXISTING AGREEMENT INFORMATION	
BCP SITE NAME: 12096 Flatlands Avenue	BCP SITE CODE: C224290
NAME OF CURRENT APPLICANT(S): Innovative Urban Living, LLC, & renamed IUV Phase 1 Owner, LLC and IUV Phase 1 LIHTC Owner, LLC	
INDEX NUMBER OF AGREEMENT: C224290-04-19	DATE OF ORIGINAL AGREEMENT 05/31/2019

Declaration of Amendment:

By the requestor(s) and/or applicant(s) signature(s) below, and subsequent signature by the Department, the above application to amend the Brownfield Cleanup Agreement described above is hereby approved. This Amendment is made in accordance with and subject to all of the BCA and all applicable guidance, regulations and state laws applicable thereto. All other substantive and procedural terms of the Agreement will remain unchanged and in full force and effect regarding the parties to the Agreement.

Nothing contained herein constitutes a waiver by the Department or the State of New York of any rights held in accordance with the Agreement or any applicable state and/or federal law or a release for any party from obligations held under the Agreement or those same laws.

STATEMENT OF CERTIFICATION AND SIGNATURES: NEW REQUESTOR

Complete the appropriate section (individual or entity) below only if this Amendment adds a new requestor. Attach additional pages as needed.

(Individual)

I hereby affirm that the information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am _____(title) of _____(entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

_____ signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

Site Code: C224290

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)
An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed.

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am Authorized Repersentative (title) of GO UCL LLC, Managing Member of Innovative Urban Living, LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. David L. Picket's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: MAY 15, 2024 Signature: _____

Print Name: David L. Picket

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☐ PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	☒ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: 05/31/2019

Signature by the Department:

DATED: 6/21/24

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:

Janet E. Brown

Janet E. Brown, Assistant Director
Division of Environmental Remediation

Site Code: C224290

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)
An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed.

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am Authorized Representative (title) of IUV Phase 1 LIHTC Owner, LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. David L. Picket's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: MAY 15, 2024 Signature: _____

Print Name: David L. Picket

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☐ PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	☒ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: 05/31/2019

Signature by the Department:

DATED: 6/21/24

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

By:

Janet E. Brown

Janet E. Brown, Assistant Director
Division of Environmental Remediation

Site Code: C224290

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)
An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed.

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am Authorized Representative (title) of IUV Phase 1 Owner, LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. David L. Picket's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: MAY 15, 2024 Signature: _____

Print Name: David L. Picket

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☐ PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	☒ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: 05/31/2019

Signature by the Department:

DATED: 6/21/24

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:

Janet E. Brown

Janet E. Brown, Assistant Director
Division of Environmental Remediation

EXHIBIT A

Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "IUV PHASE I OWNER, LLC", CHANGING ITS NAME FROM "IUV PHASE I OWNER, LLC" TO "IUV PHASE 1 OWNER, LLC", FILED IN THIS OFFICE ON THE SIXTEENTH DAY OF JANUARY, A.D. 2024, AT 1:24 O`CLOCK P.M.

Jeffrey W. Bullock, Secretary of State

6268205 8100
SR# 20240129969

Authentication: 202642296
Date: 01-23-24

You may verify this certificate online at corp.delaware.gov/authver.shtml

State of Delaware
Secretary of State
Division of Corporations
Delivered 01:24 PM 01/16/2024
FILED 01:24 PM 01/16/2024
SR 20240129969 - File Number 6268205

STATE OF DELAWARE
CERTIFICATE OF AMENDMENT

1. Name of Limited Liability Company: IUV Phase I Owner, LLC

2. The Certificate of Formation of the limited liability company is hereby amended as follows:

The name of the limited liability company is IUV Phase 1 Owner, LLC.

IN WITNESS WHEREOF, the undersigned have executed this Certificate on the 5th day of January, A.D. 2024.

By: _____
Authorized Person(s)

Name: David L. Picket
Print or Type

UNI-37

CERTIFICATE OF AMENDMENT

OF

IUV PHASE I OWNER, LLC

Under and Pursuant to Section 804 of the Limited Liability Company Law
of the State of New York

Hirschen, Singer & Epstein LLP
902 Broadway, 13th Floor
New York, NY 10010

Customer Reference # IUVPH88093

DRAWDOWN

CERTIFICATE OF AMENDMENT

OF

IUV PHASE I OWNER, LLC

Under and Pursuant to Section 804 of the Limited Liability Company Law of the State of New York

The undersigned being the authorized person of IUV PHASE I OWNER, LLC does hereby certify:

FIRST: The name of the limited liability company is:

IUV PHASE I OWNER, LLC

SECOND: The limited liability company was organized under the laws of the State of Delaware.

THIRD: The limited liability company was authorized to do business in the State of New York on the 7th day of December, 2022.

FOURTH: That the amendment to the Application for Authority effected by this Certificate is as follows:

Paragraph FIRST of the Application for Authority, relating to the name of the limited liability company, is hereby by amended to read as follows:

"FIRST: the name of the limited liability company is

IUV PHASE 1 OWNER, LLC"

FIFTH: The change of name has been effected under the laws of the jurisdiction of its formation on January 24, 2024.

IN WITNESS WHEREOF, I hereunto sign my name this twenty-fourth day of January, 2024.

S/DAVID L. PICKET
David L. Picket, Authorized Person

EXHIBIT B

Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "IUV PHASE 1 LIHTC OWNER LLC", CHANGING ITS NAME FROM "IUV PHASE 1 LIHTC OWNER LLC" TO "IUV PHASE 1 LIHTC OWNER, LLC", FILED IN THIS OFFICE ON THE TWELFTH DAY OF MARCH, A.D. 2024, AT 8:13 O`CLOCK A.M.

7129938 8100
SR# 20240962052

Authentication: 202996611
Date: 03-12-24

You may verify this certificate online at corp.delaware.gov/authver.shtml

State of Delaware
Secretary of State
Division of Corporations
Delivered 08:13 AM 03/12/2024
FILED 08:13 AM 03/12/2024
SR 20240962052 - File Number 7129938

STATE OF DELAWARE
CERTIFICATE OF AMENDMENT
OF CERTIFICATE OF FORMATION

The undersigned authorized person, desiring to amend the limited liability company formation pursuant to Section 18-202 of the Limited Liability Company Act of the State of Delaware, hereby certifies as follows:

1. The name of the limited liability company is IUV PHASE 1 LIHTC OWNER LLC.

2. The Certificate of Formation of the limited liability company is hereby amended as follows:

1. The name of the limited liability company is IUV Phase 1 LIHTC Owner, LLC

By: /s/ Wendell Ramsey
Authorized Person

Name: Wendell Ramsey
Print or Type

EXHIBIT C

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2024032701176004001EFDD1

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 6**

Document ID: 2024032701176004 Document Date: 03-27-2024 Preparation Date: 03-29-2024
Document Type: DEED
Document Page Count: 5

PRESENTER:
FIRST AMERICAN TITLE INSURANCE CO. NCS
666 THIRD AVENUE
1E8WNY01
NEW YORK, NY 10017
212-850-0644
JGAMBOA@FIRSTAM.COM

RETURN TO:
HIRSCHEN SINGER & EPSTEIN LLP
902 BROADWAY, 13TH FLOOR
NEW YORK, NY 10010

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	4434	10	Entire Lot	N/A FLATLANDS AVENUE

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
CHRISTIAN CULTURAL CENTER, INC.
12020 FLATLANDS AVENUE
BROOKLYN, NY 11207

GRANTEE/BUYER:
URBAN LIVING ALTERNATIVES, LLC
C/O CHRISTIAN CULTURAL CENTER, INC., 12020 FLATLANDS AVENUE
BROOKLYN, NY 11207

FEES AND TAXES

Mortgage :

Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	62.00
Affidavit Fee:	$	0.00

Filing Fee: $ 250.00

NYC Real Property Transfer Tax: $ 0.00

NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 04-01-2024 14:32
City Register File No.(CRFN): **2024000081338**

City Register Official Signature

(5)

BARGAIN AND SALE DEED

WITHOUT COVENANT AGAINST GRANTOR'S ACTS

CHRISTIAN CULTURAL CENTER, INC. a New York not-for-profit corporation,

TO

URBAN LIVING ALTERNATIVES, LLC,
a New York limited liability company

ADDRESS: 30 Inspiration Lane (aka 12096 Flatlands Avenue)
Brooklyn, New York

BLOCK: 4434

LOT: 10 (f/k/a Block 4434 old Lot 1 f/k/a Block 4434 Lots 1 and 21 and Block 4433 p/o Lot 50)

COUNTY: Kings

RETURN BY MAIL TO:

Hirschen Singer & Epstein, LLP
902 Broadway, 13th Floor
New York, New York 10010
Attention: Russell A. Kivler, Esq.

First American Title Insurance Company
666 Third Avenue 5th fl
New York, N.Y. 10017
Phone: (212) 922-9700
Fax: (212) 922-0881

BARGAIN AND SALE DEED WITHOUT COVENANT AGAINST GRANTOR'S ACTS THIS INDENTURE, made as of this 27th day of March, 2024

AMONG CHRISTIAN CULTURAL CENTER, INC. a New York not-for-profit corporation, with offices at 12020 Flatlands Avenue, Brooklyn, New York 11207, (the "**Grantor**"), and **URBAN LIVING ALTERNATIVES, LLC**, a New York limited liability company, with offices c/o Christian Cultural Center, Inc., with offices at 12020 Flatlands Avenue, Brooklyn, New York 11207, party of the second part ("**Grantee**"),

WITNESSETH, that the Grantor, in consideration of ten dollars and other valuable consideration paid by the Grantee, does hereby grant and release unto the Grantee, the heirs or successors and assigns of the Grantee forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the City, County and State of New York, more commonly known as 30 Inspiration Lane, Brooklyn, New York and more particularly described on Exhibit A attached hereto and hereby made part hereof.

BEING part of the premises conveyed to Grantor by (i) that certain Indenture recorded on 07/03/2003, as CRFN 2003000210219; and (ii) that certain Indenture recorded 05/09/2007, as CRFN 2007000243812; and (iii) that certain confirmatory deed recorded 05/09/2007 as CRFN 2007000243813;

TOGETHER with all right, title and interest, if any, of the Grantor in and to any streets and roads abutting the above described premises to the center lines thereof;

TOGETHER with the appurtenances and all the estate and rights of the Grantor in and to said premises;

TO HAVE AND TO HOLD the premises herein granted unto the Grantee, the heirs or successors and assigns of the Grantee forever.

AND the Grantor, in compliance with Section 13 of the Lien Law, covenants that the Grantor will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose. The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the Grantor has duly executed this deed the day and year first above written.

CHRISTIAN CULTURAL CENTER, INC.

By:

Name: James Halek
Title: Treasurer

STATE OF TEXAS)
) ss.:
COUNTY OF Denton)

On the 15 day of March in the year 2024 before me, the undersigned, a Notary Public personally appeared **JAMES HALEK** personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his capacity(ies), and that by his signatures on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument, and that such individual made such appearance before the undersigned in the Denton of Texas.

Nellie Halek
Signature and Office of individual
taking acknowledgment

NELLIE HALEK
Notary Public, State of Texas
Comm. Expires 04-19-2028
Notary ID 11945201

Exhibit A

Legal Description

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE SOUTHERLY RIGHT OF WAY LINE OF FLATLANDS AVENUE AND THE WESTERLY RIGHT OF WAY LINE OF PENNSYLVANIA AVENUE, THENCE RUNNING THE FOLLOWING FOUR (4) COURSES AND DISTANCES:

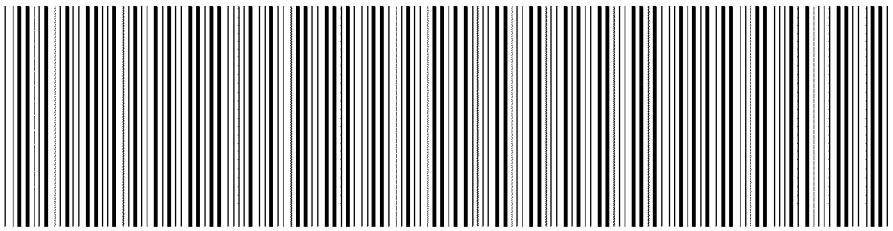
1) SOUTHERLY, ALONG THE WESTERLY SIDE OF PENNSYLVANIA AVENUE, A DISTANCE OF 290.91 FEET TO A POINT, THENCE;

2) WESTERLY, AT RIGHT ANGLES WITH THE PREVIOUS COURSE, A DISTANCE OF 235.32 FEET TO A POINT, THENCE;

3) NORTHERLY, AT RIGHT ANGLES WITH THE PREVIOUS COURSE, A DISTANCE OF 290.91 FEET TO A POINT ON THE SOUTHERLY SIDE OF FLATLANDS AVENUE, THENCE;

4) EASTERLY, AT RIGHT ANGLES WITH THE PREVIOUS COURSE, ALONG THE SOUTHERLY SIDE OF FLATLANDS AVENUE A DISTANCE OF 235.32 FEET TO THE POINT OR PLACE OF BEGINNING.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2024032701176004001S3350

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2024032701176004 Document Date: 03-27-2024 Preparation Date: 03-29-2024
Document Type: DEED

ASSOCIATED TAX FORM ID: 2024031500290

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
RP - 5217 REAL PROPERTY TRANSFER REPORT	4

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / | Month Day Year

C3. Book | | C4. Page | |

OR

C5. CRFN | |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: N/A (STREET NUMBER) | FLATLANDS AVENUE (STREET NAME) | BROOKLYN (BOROUGH) | 11207 (ZIP CODE)

2. Buyer Name: URBAN LIVING ALTERNATIVES, LLC (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) (LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: (FRONT FEET) X (DEPTH) OR (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

8. Seller Name: CHRISTIAN CULTURAL CENTER, INC. (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential
B ☐ 2 or 3 Family Residential
C ☐ Residential Vacant Land
D ☐ Non-Residential Vacant Land
E ☑ Commercial
F ☐ Apartment
G ☐ Entertainment / Amusement
H ☐ Community Service
I ☐ Industrial
J ☐ Public Service

SALE INFORMATION

10. Sale Contract Date: 3 / 27 / 2024 (Month Day Year)

11. Date of Sale / Transfer: 3 / 27 / 2024 (Month Day Year)

12. Full Sale Price $ 0

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale

14. Check one or more of these conditions as applicable to transfer:

A ☐ Sale Between Relatives or Former Relatives
B ☐ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type **not** Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☑ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: V 0

16. Total Assessed Value (of all parcels in transfer): 3,478,288

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

BROOKLYN 4434 10

20240315002902010 4

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

See Attached

BUYER SIGNATURE | DATE

12020 FLATLANDS AVENUE

STREET NUMBER | STREET NAME (AFTER SALE)

BROOKLYN | NY | 11207

CITY OR TOWN | STATE | ZIP CODE

BUYER'S ATTORNEY

LAST NAME | FIRST NAME

AREA CODE | TELEPHONE NUMBER

SELLER

See Attached

SELLER SIGNATURE | DATE

2024031500290201

SIGNATURE PAGE
TO STATE OF NEW YORK, STATE BOARD OF REAL PROPERTY SERVICES
REAL PROPERTY TRANSFER REPORT (FORM RP-5217NYC)

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

GRANTOR:

CHRISTIAN CULTURAL CENTER, INC.,
a New York not-for-profit corporation

TAX IDENTIFICATION NUMBER:

By: James Halek
Name: James Halek
Title: Treasurer

NELLIE HALEK
Notary Public, State of Texas
Comm. Expires 04-19-2028
Notary ID 11945201

Sworn to and subscribed to before me on this 15 day of March, 2024

Nellie Halek
Notary Public

SIGNATURE PAGE
TO STATE OF NEW YORK, STATE BOARD OF REAL PROPERTY SERVICES
REAL PROPERTY TRANSFER REPORT (FORM RP-5217NYC)

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

GRANTEE:

URBAN LIVING ALTERNATIVES, LLC,
a New York limited liability company

By: CHRISTIAN CULTURAL CENTER, INC., a New York not-for-profit corporation, and its sole member

By: James Halek
Name: James Halek
Title: Treasurer

TAX IDENTIFICATION NUMBER:

NELLIE HALEK
Notary Public, State of Texas
Comm. Expires 04-19-2028
Notary ID 11945201

Sworn to and subscribed to before me on this 15 day of March, 2024

Nellie Halek
Notary Public

EXHIBIT D

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2024032701176005001E3DEC

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 8**

Document ID: 2024032701176005 Document Date: 03-27-2024 Preparation Date: 03-29-2024
Document Type: DEED
Document Page Count: 6

PRESENTER:
FIRST AMERICAN TITLE INSURANCE CO. NCS
666 THIRD AVENUE
1E8WNY01
NEW YORK, NY 10017
212-850-0644
JGAMBOA@FIRSTAM.COM

RETURN TO:
HIRSCHEN SINGER & EPSTEIN LLP
902 BROADWAY, 13TH FLOOR
NEW YORK, NY 10010

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	4434	10	Entire Lot	N/A FLATLANDS AVENUE

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
URBAN LIVING ALTERNATIVES, LLC
12020 FLATLANDS AVENUE
BROOKLYN, NY 11207

☒ Additional Parties Listed on Continuation Page

GRANTEE/BUYER:
IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION
C/O:. CHRISTIAN CULTURAL CENTER, INC., 12020 FLATLANDS AVENUE
BROOKLYN, NY 11207

FEES AND TAXES

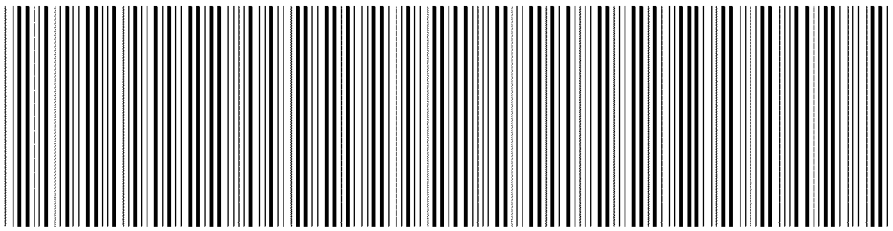
Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	67.00
Affidavit Fee:	$	0.00

Filing Fee:	$	250.00
NYC Real Property Transfer Tax:	$	0.00
NYS Real Estate Transfer Tax:	$	90,584.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 04-01-2024 14:32
City Register File No.(CRFN): **2024000081339**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2024032701176005001C3F6C

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 8**

Document ID: 2024032701176005 Document Date: 03-27-2024 Preparation Date: 03-29-2024
Document Type: DEED

PARTIES

GRANTEE/BUYER:
IUV PHASE 1 OWNER, LLC
C/O GOTHAN ORGANIZATION, INC., 432 PARK AVENUE SOUTH, 2ND FLOOR
NEW YORK, NY 10016

GRANTEE/BUYER:
IUV PHASE 1 LIHTC OWNER, LLC
C/O GOTHAN ORGANIZATION, INC., 432 PARK AVENUE SOUTH, 2ND FLOOR
NEW YORK, NY 10016

BARGAIN AND SALE DEED

WITHOUT COVENANT AGAINST GRANTOR'S ACTS

URBAN LIVING ALTERNATIVES, LLC,
a New York limited liability company

TO

IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION a New York not-for-profit corporation, as nominee for (i) **IUV PHASE 1 OWNER, LLC** and (ii) **IUV PHASE 1 LIHTC OWNER, LLC**, each a New York limited liability company

ADDRESS:	30 Inspiration Lane (aka 12096 Flatlands Avenue) Brooklyn, New York
BLOCK:	4434
LOT:	10 (f/k/a Block 4434 old Lot 1 f/k/a Block 4434 Lots 1 and 21 and Block 4433 p/o Lot 50)
COUNTY:	Kings

RETURN BY MAIL TO:

Hirschen Singer & Epstein, LLP
902 Broadway, 13th Floor
New York, New York 10010
Attention: Russell A. Kivler, Esq.

First American Title Insurance Company
666 Third Avenue 5th fl
New York, N.Y. 10017
Phone: (212) 922-9700
Fax: (212) 922-0881

BARGAIN AND SALE DEED WITHOUT COVENANT AGAINST GRANTOR'S ACTS THIS INDENTURE, made as of this 27th day of March, 2024

AMONG URBAN LIVING ALTERNATIVES, LLC, a New York limited liability company, with offices at 12020 Flatlands Avenue, Brooklyn, New York 11207 ("**Grantor**"), and **IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION** a New York not-for-profit corporation, with offices c/o Christian Cultural Center, Inc., with offices at 12020 Flatlands Avenue, Brooklyn, New York 11207, ("**Grantee**"), as nominee for (i) **IUV PHASE 1 OWNER, LLC**, a New York limited liability company with an office at c/o Gotham Organization, Inc., 432 Park Avenue South, Second Floor, New York, NY 10016, and (ii) **IUV PHASE 1 LIHTC OWNER, LLC**, a New York limited liability company with an office at c/o Gotham Organization, Inc., 432 Park Avenue South, Second Floor, New York, NY 10016.

WITNESSETH, that the Grantor, in consideration of ten dollars and other valuable consideration paid by the Grantee, does hereby grant and release unto the Grantee, the heirs, beneficiaries or successors and assigns of the Grantee forever;

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the City, County and State of New York, more commonly known as 30 Inspiration Lane, Brooklyn, New York and more particularly described on Exhibit A attached hereto and hereby made part hereof;

BEING part of the premises conveyed to Christian Cultural Center, Inc., as predecessor-in-interest by (i) that certain Indenture recorded on 07/03/2003, as CRFN 2003000210219; and (ii) that certain Indenture recorded 05/09/2007, as CRFN 2007000243812; and (iii) that certain confirmatory deed recorded 05/09/2007 as CRFN 2007000243813;

BEING the same premises conveyed to Grantor by that certain Bargain and Sale Deed Without Covenants Against Grantor's Acts, dated as of the date hereof, and to be recorded immediately prior hereto in the Office of the Register of the City of New York, Kings County;

TOGETHER with all right, title and interest, if any, of the Grantor in and to any streets and roads abutting the above described premises to the center lines thereof;

TOGETHER with the appurtenances and all the estate and rights of the Grantor in and to said premises;

TO HAVE AND TO HOLD the premises herein granted unto the Grantee, the heirs or successors and assigns of the Grantee forever;

AND the Grantor, in compliance with Section 13 of the Lien Law, covenants that the Grantor will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose. The

word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the Grantor has duly executed this deed the day and year first above written.

URBAN LIVING ALTERNATIVES, LLC, a New York limited liability company

By: CHRISTIAN CULTURAL CENTER, INC., a New York not-for-profit corporation, and its sole member

By: James Halek

Name: James Halek
Title: Treasurer

STATE OF TEXAS)
) ss.:
COUNTY OF Denton)

On the 15 day of March in the year 2024 before me, the undersigned, a Notary Public personally appeared **JAMES HALEK** personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his capacity(ies), and that by his signatures on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument, and that such individual made such appearance before the undersigned in the Denton of Texas.

Nellie Halek
Signature and Office of individual
taking acknowledgment

NELLIE HALEK
Notary Public, State of Texas
Comm. Expires 04-19-2028
Notary ID 11945201

Exhibit A

Legal Description

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE SOUTHERLY RIGHT OF WAY LINE OF FLATLANDS AVENUE AND THE WESTERLY RIGHT OF WAY LINE OF PENNSYLVANIA AVENUE, THENCE RUNNING THE FOLLOWING FOUR (4) COURSES AND DISTANCES:

1) SOUTHERLY, ALONG THE WESTERLY SIDE OF PENNSYLVANIA AVENUE, A DISTANCE OF 290.91 FEET TO A POINT, THENCE;

2) WESTERLY, AT RIGHT ANGLES WITH THE PREVIOUS COURSE, A DISTANCE OF 235.32 FEET TO A POINT, THENCE;

3) NORTHERLY, AT RIGHT ANGLES WITH THE PREVIOUS COURSE, A DISTANCE OF 290.91 FEET TO A POINT ON THE SOUTHERLY SIDE OF FLATLANDS AVENUE, THENCE;

4) EASTERLY, AT RIGHT ANGLES WITH THE PREVIOUS COURSE, ALONG THE SOUTHERLY SIDE OF FLATLANDS AVENUE A DISTANCE OF 235.32 FEET TO THE POINT OR PLACE OF BEGINNING.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2024032701176005001SF36D

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2024032701176005 Document Date: 03-27-2024 Preparation Date: 03-29-2024
Document Type: DEED

ASSOCIATED TAX FORM ID: 2024022800192

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
RP - 5217 REAL PROPERTY TRANSFER REPORT	7

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / | Month Day Year

C3. Book OR C4. Page

C5. CRFN

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: N/A (STREET NUMBER) | FLATLANDS AVENUE (STREET NAME) | BROOKLYN (BOROUGH) | 11207 (ZIP CODE)

2. Buyer Name: IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION (LAST NAME / COMPANY) (FIRST NAME)

IUV PHASE 1 OWNER, LLC (LAST NAME / COMPANY) (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) (LAST NAME / COMPANY) (FIRST NAME)

(STREET NUMBER AND STREET NAME) (CITY OR TOWN) (STATE) (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: (FRONT FEET) X (DEPTH) OR (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Lend ☐

8. Seller Neme: URBAN LIVING ALTERNATIVES, LLC (LAST NAME / COMPANY) (FIRST NAME)

(LAST NAME / COMPANY) (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐	One Family Residential	C ☐	Residential Vacant Land	E ☑	Commercial	G ☐	Entertainment / Amusement	I ☐	Industrial
B ☐	2 or 3 Family Residential	D ☐	Non-Residential Vacant Land	F ☐	Apartment	H ☐	Community Service	J ☐	Public Service

SALE INFORMATION

10. Sale Contract Dete: 3 / 27 / 2024 (Month Day Year)

11. Date of Sale / Transfer: 3 / 27 / 2024 (Month Day Year)

12. Full Sale Price $: 13,935,618

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale

14. Check one or more of these conditions as applicable to transfer:

- A ☐ Sale Between Relatives or Former Relatives
- B ☐ Sale Between Related Companies or Partners in Business
- C ☐ One of the Buyers is also e Seller
- D ☐ Buyer or Seller is Government Agency or Lending Institution
- E ☐ Deed Type not Warranty or Bargain end Sele (Specify Below)
- F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
- G ☐ Significant Change in Property Between Taxable Status end Sale Dates
- H ☐ Sale of Business is Included in Sale Price
- I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
- J ☑ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: V0

16. Total Assessed Value (of all parcels in transfer): 3,478,828

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

BROOKLYN 4434 10

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

See Attached

BUYER SIGNATURE | DATE

C/O:. CHRISTIAN CULTURAL CENTER, INC. 12020 FLATLANDS AVENUE

STREET NUMBER | STREET NAME (AFTER SALE)

BROOKLYN | NY | 11207

CITY OR TOWN | STATE | ZIP CODE

BUYER'S ATTORNEY

LAST NAME | FIRST NAME

AREA CODE | TELEPHONE NUMBER

SELLER

See Attached

SELLER SIGNATURE | DATE

2024022800192201

SIGNATURE PAGE
TO STATE OF NEW YORK, STATE BOARD OF REAL PROPERTY SERVICES
REAL PROPERTY TRANSFER REPORT (FORM RP-5217NYC)

CERTIFICATION

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GRANTOR:

URBAN LIVING ALTERNATIVES, LLC,
a New York limited liability company

TAX IDENTIFICATION NUMBER:

By: CHRISTIAN CULTURAL CENTER, INC., a New York not-for-profit corporation, and its sole member

By: James Halek
Name: James Halek
Title: Treasurer

NELLIE HALEK
Notary Public, State of Texas
Comm. Expires 04-19-2028
Notary ID 11945201

Sworn to and subscribed to before me on this 15 day of March, 2024

Nellie Halek
Notary Public

SIGNATURE PAGE
TO STATE OF NEW YORK, STATE BOARD OF REAL PROPERTY SERVICES
REAL PROPERTY TRANSFER REPORT (FORM RP-5217NYC)

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

GRANTEE:

IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION,
a New York not-for-profit corporation

TAX IDENTIFICATION NUMBER:

By: James Halek
Name: James Halek
Title: Treasurer

Sworn to and subscribed to before me on this 15 day of March, 2024

NELLIE HALEK
Notary Public, State of Texas
Comm. Expires 04-19-2028
Notary ID 11945201

Nellie Halek
Notary Public

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYERS		SELLERS	
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date

2024022800192201

SIGNATURE PAGE
TO STATE OF NEW YORK, STATE BOARD OF REAL PROPERTY SERVICES
REAL PROPERTY TRANSFER REPORT (FORM RP-5217NYC)

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

Grantee
~~GRANTOR~~:

IUV PHASE 1 OWNER, LLC, a Delaware limited liability company

TAX IDENTIFICATION NUMBER:

By: IUV Phase 1 JV, LLC, its sole member

By: _____
Name: David L. Picket
Title: Authorized Signatory

Sworn to and subscribed to before me on
this 20 day of March, 2024

_____
Notary Public

LISA GERECITANO
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01GE6350245
Qualified in Kings County
Commission Expires November 7, 2024

SIGNATURE PAGE
TO STATE OF NEW YORK, STATE BOARD OF REAL PROPERTY SERVICES
REAL PROPERTY TRANSFER REPORT (FORM RP-5217NYC)

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

Grantee
~~GRANTOR~~:

IUV PHASE 1 LIHTC OWNER, LLC, a Delaware limited liability company

TAX IDENTIFICATION NUMBER:

By: IUV Phase 1 MM, LLC, its managing member

By: IUV Phase 1 JV, LLC, its managing member

By: _____
Name: David L. Picket
Title: Authorized Signatory

Sworn to and subscribed to before me on
this 20 day of March, 2024

_____
Notary Public

LISA GERECITANO
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01GE6350245
Qualified in Kings County
Commission Expires November 7, 2024

EXHIBIT E

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2024032701176006001E3DA8

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 46**

Document ID: 2024032701176006 Document Date: 03-27-2024 Preparation Date: 03-29-2024
Document Type: AGREEMENT
Document Page Count: 44

PRESENTER:
FIRST AMERICAN TITLE INSURANCE CO. NCS
666 THIRD AVENUE
1E8WNY01
NEW YORK, NY 10017
212-850-0644
JGAMBOA@FIRSTAM.COM

RETURN TO:
HIRSCHEN SINGER & EPSTEIN LLP
902 BROADWAY, 13TH FLOOR
NEW YORK, NY 10010

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	4434	10	Entire Lot	30 INSPIRATION LANE

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year____ Reel____ Page_____ *or* File Number_____

PARTIES

PARTY 1:
IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION
C/O CHRISTIAN CULTURAL CENTER, INC., 12020 FLATLANDS AVENUE

☒ Additional Parties Listed on Continuation Page

PARTY 2:
IUV PHASE 1 OWNER, LLC
C/O GOTHAN ORGANIZATION, INC., 432 PARK AVENUE SOUTH, 2ND FLOOR
NEW YORK, NY 10016

FEES AND TAXES

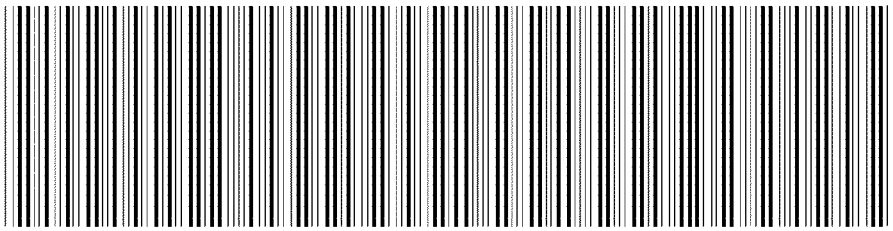
Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	257.00
Affidavit Fee:	$	0.00

Filing Fee: $ 0.00
NYC Real Property Transfer Tax: $ 0.00
NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 04-01-2024 14:32
City Register File No.(CRFN): **2024000081340**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2024032701176006001C3F28

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 46**

Document ID: 2024032701176006 Document Date: 03-27-2024 Preparation Date: 03-29-2024
Document Type: AGREEMENT

PARTIES

PARTY 2:
IUV PHASE 1 LIHTC OWNER, LLC
C/O GOTHAN ORGANIZATION, INC., 432 PARK
AVENUE SOUTH, 2ND FLOOR
NEW YORK, NY 10016

(7)

DECLARATION OF INTEREST AND NOMINEE AGREEMENT

IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION,

AND

IUV PHASE 1 OWNER, LLC

AND

IUV PHASE 1 LIHTC OWNER, LLC

---

30 Inspiration Lane (a/k/a 12096 Flatlands Avenue)
Brooklyn, New York 11236
Block 4434, Lot 10
Kings County

Record and Return to:

Hirschen Singer & Epstein LLP
902 Broadway, 13th Floor
New York, New York 10010
Attn: Russell A. Kivler, Esq.

First American Title Insurance Company
666 Third Avenue 5th fl
New York, N.Y. 10017
Phone: (212) 922-9700
Fax: (212) 922-0881

DECLARATION OF INTEREST AND NOMINEE AGREEMENT

THIS DECLARATION OF INTEREST AND NOMINEE AGREEMENT (this "**Agreement**") by and among **IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION**, a New York not-for-profit corporation organized pursuant to Article XI of the Private Housing Finance Law of the State of New York ("**Article XI**") and Section 402 of the Not-for-Profit Corporation Law of the State of New York with an office at c/o Christian Cultural Center, Inc., 12020 Flatlands Avenue, Brooklyn, New York 11207 (the "**HDFC**"), and **IUV PHASE 1 OWNER, LLC**, a Delaware limited liability company with an office at c/o Gotham Organization, Inc., 432 Park Avenue South, Second Floor, New York, NY 10016 (the "**Retail Company**") and **IUV PHASE 1 LIHTC OWNER, LLC**, a Delaware limited liability company with an office at c/o Gotham Organization, Inc., 432 Park Avenue South, Second Floor, New York, NY 10016 (the "**Residential Company**", and together with the Retail Company, the "**Company**"), dated as of March 27, 2024 (the "**Agreement**").

WHEREAS, a fee interest in those certain plots, pieces or parcels of real property, lying and being in the County of Kings, New York, Block 4434 Lot 10 on the Tax Map of the City of New York, Kings County, as more particularly described within a metes and bounds description on Exhibit A, attached hereto and made a part hereof (the "**Property**") is being acquired this day the HDFC solely as legal and record title holder on behalf of the Retail Company, as equitable and beneficial owner of the Property; and

WHEREAS, the HDFC, the Retail Company, and the Residential Company desire to construct, develop, own, operate and manage a project consisting of a mixed-use building (the "**Building**"), and file a condominium declaration (the "**Declaration**") under Article 9-B of the New York Real Property Law establishing a two (2) unit condominium (each, a "**Condominium Unit**" or "**Unit**") to be comprised of (i) one condominium unit containing approximately 17,174 gross square feet of retail space and ancillary space thereto (the "**Retail Condo Unit**"); (ii) one condominium unit consisting of three hundred eight-five (385) rental apartments available to low- and moderate-income households and one (1) superintendent's apartment, eighty-two (82) parking spaces and ancillary space thereto (the "**Residential Condo Unit**") (collectively, all of the foregoing Condominium Units, together with common elements and limited common elements, are referred to as the "**Condominium**" and together with the Property, Building and other improvements, easements and development rights, the "**Project**"); and

WHEREAS, as of the date hereof, the Retail Company shall lease the space corresponding to the to-be-formed Residential Condo Unit to the Residential Company pursuant to that certain master lease by and between the HDFC, the Retail Company, and the Residential Company (the "**Master Lease**"), and pursuant to which a memorandum thereof is being recorded against the Property, which Master Lease will terminate upon the earlier of (i) the formation of the Condominium by recordation of the Declaration together with a written termination of the LIHTC Master Lease and (ii) 65 years from the date hereof; and

WHEREAS, in connection with the Loans and to ensure the rental of the apartment units in the Project to low-income and moderate-income individuals and families, the HDFC and Residential Company and Retail Company shall enter into (i) a regulatory agreement with the New

York State Housing Finance Agency ("HFA"), dated as of the date hereof (the "**LIHTC Regulatory Agreement**"), (ii) that certain Affordable Housing Regulatory Agreement with the City of New York, acting by and through the Department of Housing Preservation and Development ("**HPD**") dated as of the date hereof (the "**Affordable Housing Regulatory Agreement**"), and (iii) that certain Mandatory Inclusionary Housing Restrictive Declaration ("**MIH Restrictive Declaration**") by and among the Residential Company, as beneficial owner, and the HDFC, as record owner in connection with certain permanently affordable rental apartments located in the Project pursuant to the New York City Zoning Resolution ("**MIH Restrictive Declaration**", and together with LIHTC Regulatory Agreement, and the Affordable Housing Regulatory Agreement, collectively, the "**Regulatory Documents**"); and

WHEREAS, the Company and the HDFC desire that all beneficial and equitable interest in, to and with respect to fee interest in the Project be transferred to and held by the Retail Company, and that all beneficial and equitable interest in, to and with respect to leasehold estate in the Project created by the Master Lease be transferred to and held by the Residential Company, with the legal fee interest to the Project remaining in the HDFC in accordance with the terms of this Agreement and all other documents executed in connection with the construction financing and permanent financing for the Project and/or the Condominium Units (collectively, the "**Loan Documents**"); and

WHEREAS, the Retail Company, the Residential Company, and the HDFC desire to allocate rights, benefits, and obligations as to portions of the Project based on certain events in connection with the formation of the Condominium, as more specifically set forth in Paragraph 9.

WHEREAS, the HDFC, the Retail Company, and the Residential Company desire that notwithstanding the allocation of all equitable and beneficial interest in, to and with respect to the Project, the legal and record title to the Project, whether as to fee estate or leasehold estate, shall remain held by the HDFC; and

WHEREAS, the HDFC, the Retail Company, and Residential Company agree that the HDFC will hold legal and record titles to the Project solely as nominee on behalf of the Company in accordance with the terms of this Agreement; and

NOW, THEREFORE, in consideration of the premises, covenants and agreements herein contained, the adequacy of which are hereby acknowledged, the parties hereto jointly and severally covenant and agree as follows:

1. The Recitals and defined terms above are integrated herein as if set forth at length. Until such time as the Company shall elect to have record title transferred pursuant to Paragraph 6(e) hereof, record title to the Project shall be held by the HDFC, as the nominee, for and on behalf of the Company, it being understood that the beneficial ownership of the Project from the date hereof and at all times in the future, shall be vested in the Company, and its successors and assigns, and the HDFC does not, and shall not have, any personal or beneficial interest of any kind in the Project. The Company shall, at all times, have all the benefits, rights, approval, burdens and immunities accruing with respect to the Project. The HDFC

further acknowledges that the Company has furnished all of the consideration for acquiring and developing the Project, including financing obligations, and all of the rents, issues and profits of the Project, or any portion thereof shall at all times be the property of the Company.

2. The HDFC shall hold itself out to all third parties, whether by notice or other affirmative action pursuant to this Agreement, that the HDFC is acting solely as nominee of the Company with respect to the Project. The HDFC shall provide the Company with evidence of such notification reasonably satisfactory to the Company. The HDFC shall also obtain any written acknowledgments which are necessary and advisable from all interested third parties with respect to the HDFC holding title to the Project as nominee of the Company.

3. The beneficial and equitable interest in the Project shall accrue to the Company in a manner satisfactory to the Company, as may be provided by the terms of this Agreement, and such equitable and beneficial interest in the Project shall include, but is not limited, to the Company having an:

   a. unconditional obligation to bear all economic risk and benefit of depreciation and diminution in value of the Project due to obsolescence or exhaustion, and shall bear the risk of loss if the Project is destroyed or damaged;

   b. unconditional right to receive all economic benefits associated with the Project (i.e., appreciation and increase in value), including the right to retain all of the net proceeds from any sale or refinancing of the Project;

   c. unconditional obligation to keep the Project in good condition and repair;

   d. unconditional and exclusive right to the possession of the Project, inclusive of any subsequent air rights and/or transferrable development rights as may be benefit the Project from time to time pursuant to the Zoning Resolution of the City of New York (as amended) and as may be allocated pursuant to any zoning lot development agreement, zoning lot merger, large scale residential development plans, or other instruments and agreements;

   e. unconditional obligation to maintain insurance coverage on, and such reserves with respect to, the Project as may be required by the members of Company and/or any Lenders (as defined in Paragraph 6(f)) with respect to the Project, which coverage shall include the Lenders and CCC, each as additional insured, and the HDFC, as additional named insured (but if not available for any particular policy shall be an additional insured) ;

   f. unconditional and exclusive right to receive rent (including any rents paid on behalf of tenants by government program or subsidy) and any other income or profits, distributions, capital proceeds, liquidation

revenue, and economic rights from the operation and/or ownership of the Project;

g. unconditional obligation to pay for all of the capital investment in the Project;

h. unconditional obligation to pay for all development, financing, maintenance, repair, replacement and operating costs in connection with the Project;

i. unconditional right to develop residential units in the Project and to operate and manage the Project in accordance with this Agreement and any and all documents executed in connection with the financing, development, operation, regulation and management of the Project applicable to the Project, as such documents may be amended from time to time (the "**Project Documents**");

j. unconditional and exclusive right to enter into, with HDFC's full cooperation, conveyance documents, easement agreements, maintenance agreements, and to grant any and all easements in connection with the development and operation of the Project, provided that such documents do not violate the Project Documents;

k. unconditional obligation to bear all economic burdens of the Project, including, but not limited to, costs of insurance, condominium common charges, real estate and any other taxes, costs of capital, extraordinary and ordinary repairs and replacements, principal, interest and other costs of any indebtedness incurred in connection with the Project; and

l. unconditional and exclusive right to include all income earned from the operation of all or a portion the Project and claim all depreciation deductions and tax credits generated with respect to the Project on its annual federal, state and local tax returns, including but not limited to the right to claim the low-income housing tax credit described in Section 42 of the Internal Revenue Code of 1986, as amended, and the New York State low income housing tax credits under Article-A of the New York State Public Housing Law ("**LIHTCs**"), New York State brownfield tax credits ("**BTCs**") and amortize capital costs and to claim any other federal or state tax benefits attributable to the Project (and for the avoidance of doubt, such rights in this subparagraph (l) related to LIHTCs inure to and allocated to Residential Company as a present beneficial lessee of the LIHTC Master Lease and upon acquisition of beneficial interest in the Residential Condo Unit as provided for in Paragraph 21).

4. The HDFC shall not do any act with respect to the Project without the prior written consent of the Company.

5. So long as the HDFC shall hold record title to the Project:

a. any and all notices, statements and communications received by the HDFC, as holder of record title with respect to the Project, shall be promptly delivered to the Company;

b. all benefits, including any proceeds of title insurance received pursuant to the Title Policy or any other insurance proceeds under any other policy accruing with respect to the Project shall belong to the Company, and if received by the HDFC, shall be turned over to the Company promptly upon receipt;

c. the HDFC shall not do or suffer to be done, any act or omission with respect to the Project, or the record title thereto, or convey or encumber the same, in any way, except as directed by the Company, its successors and assigns; and

d. the HDFC shall comply with all directions which may be given to it by the Company with respect to the Project; provided, however, that the HDFC shall not be required to take any action as provided in this Agreement unless furnished with sufficient funds by the Company therefor.

e. the COMPANY shall be deemed an insured for the purposes of any owner's policy, if any, and the COMPANY shall be entitled to all proceeds of title insurance recoverable pursuant to same.

6. The Company and the HDFC on behalf of themselves, and their respective successors and assigns, who are recognized as "third party beneficiaries" hereunder, hereby jointly and severally represent, warrant, acknowledge, covenant and agree as follows:

a. So long as the HDFC holds record title in the Project, the Company shall have complete and exclusive possession and control of the Project and the HDFC shall not have any exclusive right to possess or control the Project.

b. The Company is the "owner", as that term is defined in Section 2 of the New York Lien Law, of the Project and the HDFC is not in any respects an "owner" of the Project for federal tax purposes under the New York Lien Law and the Company is the "owner" of the Project for federal tax purposes.

c. The HDFC has received and reviewed the Loan Documents, and acknowledges that any and all rights, title, interests and/or benefits the HDFC has under this Agreement are absolutely and completely subject and subordinate to any and all rights, benefits, terms, conditions and provisions contained in and/or created by the Loan Documents.

d. The HDFC shall have no power, right and/or authority to transfer, encumber, lien, and/or create or grant any rights and/or interests in or to all

or any portion of the Project, and/or any part or parts thereof without the written consent of the Company and any transfer, encumbrance, lien, right and/or interest purported to be created, granted, permitted and/or resulting from any action or inaction of the HDFC in connection with the Project, and/or any part or parts thereof, without said consent, shall be void, unenforceable and of no effect whatsoever and shall not be binding in any manner upon the Company.

Upon the written demand of the Company, the HDFC shall immediately execute and deliver to (i) the Company a deed or other conveyance, lease or assignment instrument transferring all or a portion of the Project, in proper recordable form transferring and conveying to the Company all of the HDFC's right, title and interest in and to the Project, and (ii) a termination of LIHTC Master Lease, in the event the LIHTC Master Lease is terminated, provided, however, that any consents required pursuant to any Project Documents shall have been obtained. The HDFC hereby unconditionally and unequivocally constitutes and appoints the Company to be its lawful and true agent and attorney-in-fact coupled with an interest, with full power of substitution to execute and record any such deed and any other documents or instruments required to convey the Project on behalf of the HDFC, in the name, place and stead of the HDFC with the same force and effect as if such deed was executed and recorded by the HDFC, provided, however, that any consents required pursuant to any and all city, state or federal loan documents or legal requirements, including but not limited to mortgages, regulatory agreements and financing commitments (collectively, the "**Government Financing Documents**"). The HDFC authorizes any third party to rely on the aforesaid power of attorney granted in the previous sentence and hereby waives and releases any claim or claims the HDFC may have against such third party in so relying on such power of attorney. The parties agree that the HDFC's failure to comply with the provisions of this Paragraph 6(e) shall cause irreparable harm to Company for which no adequate remedy at law will be available and, in addition to any other available remedies, Company shall be entitled to the right of specific performance in the event of a breach by the HDFC of the provisions of this Paragraph 6(e). Notwithstanding anything to the contrary herein, the HDFC shall be under no obligation to execute and/or deliver any deed, lease or other documents which violate Article XI of the Private Housing Finance Law of the State of New York or the Not-for-Profit Corporation Law of the State of New York.

HDFC hereby agrees at the direction of Company to promptly execute any and all documents necessary to grant any financial institution making loans pursuant to the Loan Documents, or the permanent conversion of such loans, or any other refinancing (as set forth below) to Company and/or the owner of the Residential Condo Unit (as allocated under this Agreement) (each such financial institution, being a "**Lender**") a mortgage or mortgages and any similar security interests on the fee and leasehold interests in the

Project, as well as any documents required to be executed by HDFC in connection with the financing, development, operation and management of the Project, provided that HDFC shall execute such documents for the sole purpose of encumbering its interest in the Project, provided further that HDFC shall not be obligated to execute any such documents that would violate the provisions of Article XI of the Private Housing Finance Law of the State of New York or the Not-for-Profit Corporation Law of the State of New York and provided further that all such mortgages and all notes secured by such mortgages shall be non-recourse to HDFC in its capacity as the bare legal or record title owner of the Project. HDFC hereby constitutes and appoints the Company to be its lawful and true agent and attorney-in-fact coupled with an interest, with full power of substitution to execute any documents or instruments deemed to be required to be executed by the Company, in connection with all aspects of the (i) construction financing, (ii) conversion of financing for the Property and/or Project from construction to permanent, and (iii) all refinancings of any such permanent financing, on the following conditions: (a) Company shall advise HDFC of the need to execute any such conversion documents or instruments on not less than ten (10) business days' notice; (b) should HDFC fail to comply with Company's request based upon a failure to respond, Company shall then have the right to execute all such documents or instruments in the name and on behalf of HDFC as if HDFC were the party executing the same, provided that the execution and delivery of such documents or instruments complies with the Project Documents, the Not-for-Profit Corporation Law of the State of New York, and HDFC's Certificate of Incorporation and by-laws. The Company recognizes the LIHTC Master Lease and the non-merger provision therein, and further restates that nothing in this Agreement shall cause or give rise to a merger of the Company's leasehold interests in the Project created by the LIHTC Master Lease by reason of fact that the Company or the same person, firm, corporation or other entity may acquire or own or hold, directly or indirectly the LIHTC Master Lease, or the record or equitable and beneficial sub-leasehold estate, created by the LIHTC Master Lease, this Agreement or any instrument creating or in furtherance of such record leasehold estate, and no such merger shall occur unless and until all persons, corporations, firms and other entities having an interest (including a security interest) in the LIHTC Master Lease, this Agreement or any other instrument that grants such record, leasehold estate, shall join in a written instrument effecting such merger.

e. The HDFC, in its capacity as nominal record owner, shall have no rights, powers and/or authority over, with respect to and/or in connection with the Project and/or any part or parts thereof in any bankruptcy or other proceeding in which the Company may hereafter be a party, and no shareholder, officer, trustee, receiver, administrator, legal representative, regulator or creditor of the HDFC shall have any right, power and/or authority over, with respect to and/or in connection with the Project, and/or any part or parts thereof.

f. The Company and the HDFC each have full power and authority to enter into this Agreement and to comply with all of the terms, provisions and conditions contained in this Agreement.

g. Neither the execution, delivery or recording of this Agreement, nor the fulfillment of or compliance with the terms, conditions or provisions of this Agreement conflicts with, violates or results in a breach of the terms, conditions or provisions of any agreement, instrument, law, rule or regulation of which the Company and/or the HDFC is now a party or by which either or both may be bound or affected or results in the creation of any lien, charge or encumbrance upon the Project and/or any part or parts thereof.

h. Any and all notices, demands and other communication made by either the Company or the HDFC to the other party shall be in writing and sent to the addresses as set forth above, and to Bank, HPD, HFA and Investor Member at the addresses below, by hand, by mail (registered, certified, return receipt requested) or by nationally recognized overnight courier:

With a supplemental copy to HDFC's counsels to:

Larry H. Weiss, Esq.
2170 Clover Street
East Meadow, New York 11554
Attn: Larry H. Weiss, Esq.
Email: lhwlawoffice@yahoo.com

And

Ruskin Moscou Faltischek, P.C.
1425 RXR Plaza
East Tower, 15th Floor
Uniondale, New York 11556
Attn: Russell H. Stern, Esq.
Email: rstern@rmfpc.com

With a supplemental copy to the Company

Monadnock Development
240 Huntington Street, 3rd Floor
Brooklyn, New York 11231
Attention: Kirk Goodrich
Email: kgoodrich@monadnockdevelopment.com
And to its counsel to:

Hirschen Singer & Epstein LLP

902 Broadway, 13th Floor
New York, New York
Attention: Russell A. Kivler, Esq.
Email: rkivler@hseny.com

And in connection with Investor Member of the Residential Company, additional notices to:

GSB LIHTC Investor LLC
Urban Investment Group
c/o Goldman Sachs Group
200 West Street
New York, New York 10282
Attention: Urban Investment Group Portfolio Manager
Email: gs-uig-portfolio-manager@gs.com

with a copy to:

GSB LIHTC Investor LLC
Urban Investment Group
c/o Goldman Sachs Bank USA
200 West Street
New York, NY 10282
Attention: Michael Lohr
Email: michael.lohr@gs.com

With a copy to:

Sidley Austin LLP
787 Seventh Avenue
New York, NY 10019
Attention: Steven C. Koppel, Esq.
Email: skoppel@sidley.com

And as to Bank, HFA and HPD at the following addresses[1]:

If to HFA, to:

New York State Housing Finance Agency
641 Lexington Avenue
New York, New York 10022
Attention: President, Finance & Development
Senior Vice President, General Counsel

[1] NOTE TO DRAFT: Same addresses as provided in the draft loan Subordination and Intercreditor Agreement.

If to HPD, to:

Department of Housing Preservation and Development
100 Gold Street
New York, New York 10038
Attention: Assistant Commissioner for New Construction

With a copy to:

Department of Housing Preservation and Development
100 Gold Street
New York, New York 10038
Attention: General Counsel

If to Bank, to:

Goldman Sachs Bank USA
200 West Street
New York, New York 10282-2198
Attention: Urban Investment Group Portfolio Manager

and:

gs-uig-docs@gs.com
gs-uig-portfolio-manager@gs.com

With a copy to:

Goldman Sachs Bank USA
c/o Goldman Sachs Loan Operations
Attn: Urban Investment Group
2001 Ross Avenue
Dallas, Texas 75201

and:

gs-loc-operations@gs.com

With a copy to:

Sidley Austin LLP
787 Seventh Avenue
New York, New York 10019
Attention: Aviva Yakren, Esq.

7. The Company shall have the beneficial ownership of the Project for all purposes (including, federal income tax purposes) and shall have all rights related thereto including, but not limited to, the right to claim depreciation deductions with respect

to any depreciable property comprising a part of the Project, the right to amortize capital costs and to claim any other federal or state tax benefits attributable to the Project, the right to receive all proceeds from the Project, including from rents and other moneys from mortgages, pledges, sales, or other dispositions of the Project, and to all tax benefits, including depreciation and the LIHTCs (as set forth in Paragraph 3(l)). In addition thereto, it shall be in the sole and absolute discretion of the Company to develop, operate, manage, assign, encumber, transfer or sell the Project or any portion thereof or interest therein or any right or indicia of ownership in connection therewith, and at the request of the Company, the HDFC shall cooperate with the Company and execute any and all documents required by the Company in connection with the development, operation, management, assignment, encumbrance, transfer or sale of the Project or any portion thereof or interest therein, or any right or indicia of ownership in connection therewith. In furtherance of the foregoing, and without limitation, the HDFC shall transfer and convey the Project (or any portion thereof after formation of the Condominium), by deed or other conveyance, lease or assignment instrument, in connection with the transfer or sale of the Project or any portion thereof or any interest therein to any party designated by the Company.

8. The Company shall have all management authority and control over the Project, with respect to, but not by way of limitation, construction and development of the Project, performance and enforcement of all leases, agreements with regard to the sale of the Project or otherwise, and any covenants concerning the Project. The HDFC covenants and agrees to perform all acts reasonably requested by the Company in regard to or arising from the ownership, management and operation of the Project. The HDFC covenants and agrees to perform all acts reasonably requested by the Company in regard to or arising from the ownership, management and operation of the Project.

9. Indemnification of HDFC and CCC.

a. The Company shall fully protect, defend, indemnify, and hold the HDFC and Christian Cultural Center, Inc. ("**CCC**") harmless from and against any and all liabilities, obligations, claims, causes of action, judgments, damages, penalties, costs and expenses (including without limitation attorneys' fees and expenses) whether incurred in disputes, both litigated and non-litigated, with the Company or third parties arising out of or in any way relating to (a) ownership of the Project from and after the date of transfer of title to the Project to the HDFC, (b) the Project and/or the Project Documents, (c) the use or occupancy of the Project or (d) the enforcement of any obligation under any policy of insurance or indemnity provision provided in the Project Documents, except if arising from the willful misconduct or the gross negligence of the HDFC and/or CCC, or the HDFC's failure to perform its material obligations under this Agreement, (collectively, "**Claims**"). The foregoing indemnification shall include, but shall not be limited to Company's primary obligation to defend all Claims, whether or not groundless, on its own behalf and on behalf of all additional insureds, and

indemnification for Claims resulting from any (i) accident, injury to or death of persons or loss of or damage to property occurring in, on or about the Project or any part thereof or on the adjoining sidewalks, curb or any land for which COMPANY has a contractual obligation to indemnify; (ii) use, nonuse or condition in, on or about the Project or any part thereof; (iii) failure on the part of Company to perform or comply with any of the terms of the Project Documents or any applicable law, rule or regulation; (iv) performance of any labor or services or the furnishing of any materials or other property in respect of the Project or any part thereof; and/or (v) defect in the construction or condition or characteristics of the Project, whoever and whatever the cause. The Company shall include the HDFC and CCC as additional insured on any insurance policies secured by the Company with respect to its fee interest in the Project and insurance policies secured by the Company and/or Condominium board with respect to the Condominium.

b. The Company shall, to the fullest extent permitted by law, protect, defend, indemnify and save HDFC harmless from all liabilities, obligations, judgments, claims, damages, penalties, causes of action, costs and expenses (including without limitation reasonable attorneys' fees and expenses, whether incurred in litigation with the Company or with any third party), imposed upon or incurred by or asserted against HDFC by reason of (i) the presence, disposal, escape, seepage, leakage, spillage, discharge, emission, release or threatened release of any Hazardous Materials on, from or affecting the Project, (ii) any personal injury (including wrongful death) or property damage (real or personal) arising out of or relating to such Hazardous Materials, (iii) any lawsuit brought or threatened, settlement reached or government order relating to such Hazardous Materials or (iv) any violation of laws, orders, rules or regulations, requirements or demands of governmental authorities, or any policies or requirements of the HDFC that are based upon or in any way related to such Hazardous Materials including, without limitation, reasonable attorney or consultant fees, investigation and laboratory fees, court costs and litigation expenses, except if arising from the willful misconduct or the gross negligence of the HDFC, or the HDFC's failure to perform its obligations under this Agreement. Except to the extent such obligations and liabilities are terminated pursuant to the terms of the Loan documents, Company's obligations and liabilities under this section shall survive (x) completion of the Project and (y) any foreclosure involving the Project, or any part thereof, or HDFC's delivery of a deed in lieu of foreclosure. Hazardous Materials means, including by example but without limitation, any explosives, radioactive materials, hazardous materials, hazardous wastes, hazardous or toxic substances (or related or similar materials), asbestos or any material containing asbestos, lead paint or any other hazardous substance or material as defined by any Federal, state or local environmental law, ordinance, rule or regulation, including the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended (42 U.S.C. Section 9601 et seq.), the

Hazardous Materials Transportation Act, as amended (49 U.S.C. Section 1801 et seq.), the Resource Conservation and Recovery Act, as amended (42 U.S.C. Paragraph 6901 et seq.) and the rules and regulations promulgated pursuant thereto.

c. In the event that any action or proceeding is brought against the HDFC and/or CCC, or each of their members, directors, and officers with respect to which indemnity may be sought under this Section, the Company shall assume the investigation and defense of such action or proceeding, including the employment of counsel selected by the Company, and shall assume the payment of all commercially reasonable attorney and legal expenses related thereto. The HDFC shall have the right, if it shall conclude in good faith that a conflict of interest exists, to employ separate counsel in any such action or proceeding and participate in the investigation and defense thereof, and the Company shall pay all actual and commercially reasonable fees and expenses of such separate counsel.

This Paragraph 9 shall survive the termination of this Agreement.

10. Laws. This Agreement shall be construed in accordance with the laws of the State of New York.

11. Binding on Successors and/or Assigns. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto, and their respective successors and assigns. If any term or provision of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, the remainder of this Agreement, or the application of such term or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and shall be enforced to the fullest extent permitted by law.

12. Communications. All formal notices given pursuant to this Agreement shall be in writing and sent by hand or by certified or registered mail, return receipt requested, or by reputable overnight courier, and addressed to the parties at their addresses set forth above.

13. Counterparts. This Agreement may be executed in one or more counterparts, and by different signatories hereto in separate counterparts, each of which when so executed shall be deemed to be an original, but all of which taken together shall constitute one and the same agreement.

14. Amendment. This Agreement may not be amended or revoked except by written instrument duly executed by each of the parties hereto and provided that, for long as GSB LIHTC Investor LLC or a controlled affiliate of Goldman Sachs Bank USA (the "Investor Member") is a member of the RESIDENTIAL COMPANY, this Agreement may not be modified, amended, terminated or revoked without the prior written consent of the Investor Member.

15. Venue; Jurisdiction. The Company and the HDFC hereby irrevocably submit to the non-exclusive jurisdiction of any New York State or Federal court sitting in The City of New York over any suit, action or proceeding arising out of or relating to this Agreement and/or the Loan Documents, and the Company and the HDFC hereby agree and consent that, in addition to any methods of service of process provided for under applicable law, all of service of process in any such suit, action or proceeding in any New York State or Federal court sitting in the City of New York may be made by certified or registered mail, return receipt requested, directed to the Company and the HDFC at the address indicated in the captioned agreement, and service so made shall become complete ten (10) days after the same shall have been so mailed.

16. Waiver of Jury Trial. Both the Company and the HDFC both hereby, knowingly, voluntarily, intentionally, expressly and unconditionally waive, in connection with any suit, action or proceeding, arising out of, under or in connection with this Agreement, any and every right either or both of them may have to **A TRIAL BY JURY**.

17. Severability. If any provision or part-provision of this Agreement is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable. If such modification is not possible, the relevant provision or part-provision shall be deemed deleted. Any modification to or deletion of a provision or part-provision under this clause shall not affect the validity and enforceability of the rest of this Agreement.

18. HDFC Cure Right. Notwithstanding anything contained herein to the contrary, if there is an event of default under any Government Financing Document, the HDFC shall have the right to enter the Premises to cure the default as agent for and on behalf of the Company, provided that Company is not diligently acting to cure such default after notification to the Company.

19. Confirmatory Addendum. Upon formation of the Condominium, the parties hereto may, merely for purposes of clarification, record a confirmatory memorandum or addendum to this Agreement, confirming that the record fee title to the Condominium Units is held by the HDFC, the equitable and beneficial interest in the Retail Condo Unit is held by the Retail Company, and the equitable and beneficial interest in the Residential Condo Unit is held by the Residential Company.

20. The Company shall consult with the HDFC on any issues which significantly adversely impacts on the lifestyle or quality of life of the residents of the rental apartments within the Project (as determined by the Company in its reasonable discretion), provided such issues are not subject to and therefore determined by applicable laws or regulations, regulatory or other agreements with governmental agencies. Consultation shall mean providing the HDFC with written notice of the

issue, setting forth the Company's position on such issue and an opportunity for the HDFC to express its views on such issues in writing within a reasonable time, however the ultimate decision shall be made by the Company. For the avoidance of doubt, the Company's failure to consult with the HDFC on such decisions shall not be an event of default under any Project Document and the HDFC shall waive all rights it may have to bring litigation in law or equity, including, but not limited to, actions for injunctive relief in connection with the Company's failure to comply with this Section 19.

21. Allocation of Certain Equitable and Beneficial Interests after Condominium Formation; Springing Beneficial Interest.

(a) For the avoidance doubt, as of the date hereof and through the day prior to the date of recordation of the Declaration:

i. with respect to allocation of Project's interests (1) the Retail Company possesses the fee equitable and beneficial interests held by the Retail Company with respect to the entire Project (after giving effect to subparagraph 20(a)(iii) below), (2) the Residential Company possesses the leasehold equitable and beneficial interest in the to-be-formed Residential Condo Unit pursuant to the LIHTC Master Lease and pursuant to its terms shall be recognized as having all the benefits, rights and obligations hereunder granted to a "Company" and "Project", as provided in subparagraph 9(a)(ii)-(iii) below, and (3) the HDFC shall remain (y) the record fee owner of the Project, and (z) shall remain the record lessee owner of the Residential Condo Unit pursuant to the LIHTC Master Lease;

ii. the term "**Company**" used in the Agreement shall refer to (1) the Retail Company with respect to the fee equitable and beneficial interest in the Project, and (2) the Residential Company, which is a party to the LIHTC Master Lease and has received leasehold equitable and beneficial interest in the Residential Condo Unit, and for so long as the LIHTC Master Lease is in effect shall be recognized as having all the benefits, rights and obligations hereunder, as to its leasehold interest;

iii. the term "**Project**" shall mean (i) as to the HDFC and Retail Company's respective record and equitable and beneficial fee interests in the Project, and (ii) as to the HDFC and Residential Company's respective record and equitable and beneficial leasehold interests in the Residential Condo Unit or any portion of the Project that qualifies for and/or receives federal or state LIHTCs, BTCs and any other federal or state tax credits. It is further provided that the undersigned parties to this Agreement, being the same parties under the LIHTC Master Lease, recognize the grant of certain rights and benefits under the LIHTC Master Lease in the equitable and beneficial interests of certain portions of the Project from HDFC and Retail Company to HDFC and Residential Company.

(b) On and after the formation of the Condominium, as evidenced by recording of the Condominium Declaration:

i. with respect to allocation of Project's interests (1) the fee equitable and beneficial interests held by the Retail Company with respect to the Residential Condo Unit shall transfer, vest and be owned by the Residential Company, which shall be the fee equitable and beneficial owner for the Residential Condo Unit, and accordingly, the Retail Company shall no longer possess the fee equitable and beneficial interest in the Residential Condo Unit; the terms of this Agreement as between the HDFC and the Retail Company with respect to the Residential Condo Unit shall terminate as of the Condominium's recordation date, (2) the Retail Company shall remain the owner of the fee equitable and beneficial interests of the Retail Condo Unit, and (3) the HDFC shall remain (y) the record fee owner of the Residential Condo Unit, as nominee for Residential Company, and (z) shall remain the record fee owner of the Retail Condo Unit, as nominee for Retail Company; and

ii. the term "**Company**" used in the Agreement shall refer to (1) to the Residential Company, with respect to its fee equitable and beneficial interest in the Residential Condo Unit, and (2) to the Retail Company, with respect to its fee equitable and beneficial interest in the Retail Condo Unit;

iii. the term "**Project**" used in the Agreement shall refer (1) to the Retail Condo Unit and its appurtenant interests in the general common elements, limited common elements, improvements, easements and development rights, as to the HDFC and Retail Company's respective record and equitable and beneficial fee interests therein and (2) to the Residential Condo Unit and their appurtenant interests in the general common elements, limited common elements, improvements, easements and development rights, together with or any portion of the Project that qualifies and/or receives federal or state LIHTCs, each as to the HDFC and Residential Company's respective record and equitable and beneficial fee interests therein.

(c) After formation of the Condominium, the parties hereto may record a confirmatory memorandum or addendum ("**Confirmatory Addendum**") against the Project's Condominium Units, provided that no such instrument shall be necessary to execute or record in order to cause the preceding transfer of interests set forth in this Paragraph 20. The form of Confirmatory Addendum is attached hereto as **Exhibit 1**.

(d) After formation of the Condominium, the HDFC and the Residential Company may record a confirmatory deed ("**Confirmatory Deed**") evidencing the Residential Company's interest in the Residential Condo Unit.

22. Partial Termination as to Retail Condo Unit.

(a) The undersigned recognize that on the conversion of the construction financing to permanent financing for Residential Condo Unit, the Retail Condo Unit shall no longer be governed pursuant to this Agreement and the allocation of interests herein with respect thereto, and therefore (i) in connection with the rights under Paragraph 6(e) of this Agreement the HDFC shall execute a bargain and sale deed without covenants that conveys HDFC's bare record title interest to the Retail Condo Unit to Retail Company, substantially in the form as provided in **Exhibit 2**, and (ii) thereafter, the undersigned shall execute a partial termination of nominee agreement, substantially in the form as provided in **Exhibit 3**, where by the Retail Company shall no longer be party under this Agreement and the HDFC shall clarify it no longer holds any rights, benefits or obligations, except as those that may survive such partial termination.

[*signature page follows*]

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed as of the date first written above.

RETAIL COMPANY:

IUV PHASE 1 OWNER, LLC

By: IUV Phase 1 JV, LLC, its sole member

By: _____
Name: David L. Picket
Title: Authorized Signatory

RESIDENTIAL COMPANY:

IUV PHASE 1 LIHTC OWNER, LLC

By: IUV Phase 1 MM, LLC, its managing member

By: IUV Phase 1 JV, LLC, its managing member

By: _____
Name: David L. Picket
Title: Authorized Signatory

HDFC:

IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION

By: _____
Name: James Halek
Title: Treasurer

STATE OF NEW YORK)
) SS:
COUNTY OF NEW YORK)

LISA GERECITANO
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01GE6350245
Qualfied in Kings County
Commission Expires November 7, 2024

On the 18 day of March, 2024, before me, the undersigned, a Notary Public in and or said State, personally appeared DAVID L. PICKET, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instruments.

Notary Public

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed as of the date first written above.

RETAIL COMPANY:

IUV PHASE 1 OWNER, LLC

By: IUV Phase 1 JV, LLC, its sole member

By: _____
Name: David L. Picket
Title: Authorized Signatory

RESIDENTIAL COMPANY:

IUV PHASE 1 LIHTC OWNER, LLC

By: IUV Phase 1 MM, LLC, its managing member

By: IUV Phase 1 JV, LLC, its managing member

By: _____
Name: David L. Picket
Title: Authorized Signatory

HDFC:

IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION

By: James Halek
Name: James Halek
Title: Treasurer

STATE OF TEXAS)
) ss.:
COUNTY OF Denton)

On the 15 day of March in the year 2024 before me, the undersigned, a Notary Public personally appeared **JAMES HALEK** personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his capacity(ies), and that by his signatures on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument, and that such individual made such appearance before the undersigned in the Denton of Texas.

Nellie Halek
Signature and Office of individual
taking acknowledgment

NELLIE HALEK
Notary Public, State of Texas
Comm. Expires 04-19-2028
Notary ID 11945201

EXHIBIT A

Legal Description

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEING AT THE INTERSECTION OF THE SOUTHERLY RIGHT OF WAY LINE OF FLATLANDS AVENUE AND THE WESTERLY RIGHT OF WAY LINE OF PENNSYLVANIA AVENUE, THENCE RUNNING THE FOLLOWING FOUR (4) COURSES AND DISTANCES:

1) SOUTHERLY, ALONG THE WESTERLY SIDE OF PENNSYLVANIA AVENUE, DISTANCE OF 235.32 FEET TO A POINT, THENCE;

2) WESTERLY AT RIGHT ANGLES WITH THE PREVIOUS COURSE, A DISTANCE OF 235.32 FEET TO A POINT, THENCE;

3) NORTHERLY, AT RIGHT ANGLES WITH THE PREVIOUS COURSE, A DISTANCE OF 290.91 FEET TO A POINT ON THE SOUTHERLY SIDE OF FLATLANDS AVENUE, THENCE;

4) EASTERLY, AT RIGHT ANGESLES WITH THE PREVIOUS COURSE, ALONG THE SOUTHERLY SIDE OF FLATLANDS AVENUE A DISTANCE OF 235.32 FEET TO THE POINT OR PLACE OF BEGINNING.

(FOR INFORMATION ONLY: BLOCK 4434 LOT 10)

EXHIBIT 1

FORM OF ADDENDUM TO
DECLARATION OF INTEREST AND NOMINEE AGREEMENT

This Addendum to Declaration of Interest and Nominee Agreement (the "**Addendum**") by and among **IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION**, a New York not-for-profit corporation organized pursuant to Article XI of the Private Housing Finance Law of the State of New York ("**Article XI**") and Section 402 of the Not-for-Profit Corporation Law of the State of New York with an office at [ ] (the "**HDFC**"), and **IUV PHASE 1 OWNER, LLC**, a New York limited liability company with an office at c/o Gotham Organization, Inc., 432 Park Avenue South, Second Floor, New York, NY 10016 (the "Retail Company") and **IUV PHASE 1 LIHTC OWNER, LLC**, a New York limited liability company with an office at c/o Gotham Organization, Inc., 432 Park Avenue South, Second Floor, New York, NY 10016 (the "**Residential Company**", and together with the Retail Company, the "**Company**"), dated as of _____ __, 202_ and effective as of the Effective Date (as such term is defined below).

WHEREAS, the HDFC, the Residential Company and the Retail Company entered into that certain Declaration of Interest and Nominee Agreement, dated as of [ ], 2024 and recorded in the Office of the City Register, Kings County on [ ], at CRFN 2024[xxx] (the "**Nominee Agreement**"), pursuant to which, as of the Effective Date, the HDFC is the nominal owner and the Retail Company is the beneficial and equitable owner of certain real property located at Block 4434, Lots [ ] on the Tax Map of the City of New York, Kings County ("**Tax Map**"), more commonly known by the street address 30 Inspiration Lane, Brooklyn, New York. Capitalized terms not defined herein shall have the meaning stated in the Nominee Agreement.

WHEREAS, as contemplated in the Nominee Agreement and Project Documents, a Condominium Declaration was recorded to establish the Condominium Units, and was submitted by the HDFC and Retail Company, recorded on _____ __, 202[_] in the Office of the City Register, Kings County in CRFN[_____] (the "**Condominium Declaration**"), and establishing a condominium known as [IUV PHASE 1A] Condominium and containing the following Condominium Units:

[*NOTE TO FORM: UPDATE TO FINAL CONDO SF*]

(i) one (1) condominium unit comprised of approximately 17,174 square feet of retail space and appurtenant common elements and limited common elements (the "**Retail Condo Unit**");

(ii) one (1) condominium unit consisting of three hundred eighty-five (385) rental apartments available to low- and moderate-income households, one (1) superintendent's unit, eighty-two (82) parking spaces and appurtenant common elements and limited common elements thereto (the "**Residential Condo Unit**")

(collectively, all of the foregoing units, (the "**Condominium Units**"), together with common elements and limited common elements, are referred to as the "**Condominium**"

SAMPLE

and together with the Property, Building, and other improvements, easements, and development rights, the "**Project**").

WHEREAS, as described in the Nominee Agreement, upon the recordation of the Condominium Declaration, (i) Residential Company is the sole fee beneficial and equitable owner of the Residential Condo Unit, (ii) Retail Company is the sole fee beneficial and equitable owner of the Retail Condo Unit, and (iii) HDFC remains as the fee owner of the Condominium Units in accordance with the terms of the Nominee Agreement.

NOW, THEREFORE, in consideration of the premises, covenants and agreements herein contained, the adequacy of which are hereby acknowledged, the parties hereto jointly and severally covenant and agree as follows:

1. Capitalized terms used herein and not defined shall be given the meaning provided to them in the Nominee Agreement. In the event of a conflict between terms defined herein and any similar terms defined in the Nominee Agreement, the defined term in this Addendum shall control.

The effective date of this Addendum shall be the date of recordation of the Condominium Declaration, which occurred on _____ __, 202_ (the "**Effective Date**").

2. With respect to the Residential Condo Unit and the Residential Company, from the Effective Date:

a. Sole fee equitable and beneficial ownership to the Residential Condo Unit (i.e. Lot 100[]), shall be held by the Residential Company, and the Retail Company shall have no interest with respect to the preceding Condominium Units;

b. references to the term "Project" shall mean the Residential Condo Unit, together with their appurtenant general common elements and limited common elements, including other improvements, easements and development rights;

c. references to the term "Company" shall mean the Residential Company;

d. references to the term "Property" shall mean the metes and bounds legal descriptions for the Residential Condo Unit, as provided in the applicable Appendices to this Addendum; and

e. the HDFC shall be the fee record interest owner in the Residential Condo Unit, as nominee for the Residential Company.

3. With respect to the Retail Condo Unit and the Retail Company, from the Effective Date:

SAMPLE

a. Sole fee equitable and beneficial ownership to the Retail Condo Unit shall be held by the Retail Company, and the Residential Company shall have no interest with respect to the Retail Condo Unit.

b. references to the term "Project" shall mean the Retail Condo Unit, together with their appurtenant general common elements and limited common elements, including other improvements, easements and development rights;

c. references to the term "Company" shall mean the Retail Company; and

d. references to the term "Property" shall mean the metes and bounds legal descriptions for the Retail Condo Unit, as provided in the applicable Appendices to this Addendum; and

e. the HDFC shall be the fee record interest owner in the Retail Condo Unit, as nominee for the Retail Company.

4. This Addendum may be executed in counterparts, each of which shall be deemed to be an original copy and all of which together shall constitute one agreement binding on all parties hereto, notwithstanding that all the parties shall not have signed the same counterpart.

[*signature page follows*]

IN WITNESS WHEREOF, the parties have caused this Addendum to be duly executed as of the date first written above.

RETAIL COMPANY:

IUV PHASE 1 OWNER, LLC

By: IUV Phase 1 JV, LLC, its sole member

By: Innovative Urban Living, LLC, its co-designated member

By: GO UCL, LLC, its managing member

By: DLP 2019, LLC, its managing member

By: _____

Name: David L. Picket
Title: Manager

RESIDENTIAL COMPANY:

IUV PHASE 1 LIHTC OWNER, LLC

By: IUV Phase 1 MM, LLC, its managing member

By: IUV Phase 1 JV, LLC, its managing member

By: Innovative Urban Living, LLC, its co-designated member

By: GO UCL, LLC, its managing member

By: DLP 2019, LLC, its managing member

By: _____

Name: David L. Picket
Title: Manager

HDFC:

IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION

By: _____

Name: Reverend A. R. Bernard
Title: President

SAMPLE

STATE OF NEW YORK)
) SS:
COUNTY OF)

On the __ day of _____, 202[ ], before me, the undersigned, a Notary Public in and or said State, personally appeared DAVID L. PICKET, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instruments.

_____
Notary Public

STATE OF NEW YORK)
) SS:
COUNTY OF)

On the __ day of _____, 202[ ], before me, the undersigned, a Notary Public in and or said State, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instruments.

_____
Notary Public

EXHIBIT 2
FORM OF BARGAIN AND SALE DEED WITHOUT COVENANTS FOR RETAIL CONDO UNIT

Premises:	[ADDRESS OF RETAIL CONDO UNIT]
County:	KINGS
State:	NEW YORK
Block:	4434
Lot:	[XXXX]

BARGAIN AND SALE
DEED WITHOUT COVENANT
AGAINST GRANTOR'S ACTS

SAMPLE

THIS INDENTURE, made the [#] day of [MONTH] 202[ ],

IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION, a New York not-for-profit corporation organized pursuant to Article XI of the Private Housing Finance Law of the State of New York ("**Article XI**") and Section 402 of the Not-for-Profit Corporation Law of the State of New York with an office at 12020 Flatlands Avenue, Brooklyn, New York 11207 (the "**GRANTOR**"), and **IUV PHASE 1 OWNER, LLC**, a New York limited liability company with an office at c/o Gotham Organization, Inc., 432 Park Avenue South, Second Floor, New York, NY 10016 (the "**GRANTEE**")

WITNESSETH, that the Grantor, in consideration of Ten and 00/100 Dollars and other valuable consideration paid by the Grantee, does hereby grant and release unto the Grantee, the heirs and successors and assigns of the Grantee forever, its bare record title interests to:

The unit in the premises designated and described as Unit [X] (hereinafter called the "Unit") in the Declaration (hereinafter called "**Declaration**") establishing the "[CONDO NAME] Condominium" pursuant to a plan for condominium ownership of said premises under Article 9-B of the Real Property Law of the State of New York (the "**Condominium Act**") made by [DECLARANT PARTIES] dated [MONTH] [#], 202[#] and recorded in the Kings County Office of the Register of the City of New York on [MONTH] [#], 202[#] as CRFN 202[XXXXXX], and also designated as Tax Lot [XXXX] in Block 4434 of the Borough of Manhattan on the Tax Map of the Real Property Assessment Department of the City of New York, and on the floor plans of said building certified by [ARCHITECT AS SIGNED ON PLANS], Registered Architect on [MONTH] [#], 202[#] and filed in said Real Property Assessment Department of the City of New York as Condominium Plan No. [####] and also filed on [MONTH] [#], 202[#] as CRFN 202[XXXXXX] in the aforesaid Register's Office. The premises within which the Unit is located are more particularly described in Schedule A attached hereto and made a part hereof. All capitalized terms herein which are not separately defined herein shall have the meanings given to those terms in the Declaration or in the By-Laws of the Condominium. (Said By-Laws, as the same may be amended from time to time, are hereinafter referred to as the "**By-Laws**".)

TOGETHER with an undivided [X.XX]% interest in the General Common Elements, as

described in the Declaration recorded as CRFN 202[XXXXXX].

TOGETHER with, and subject to, the rights, obligations, easements, restrictions and other provisions set forth in the Declaration and the By-Laws, all of which shall constitute covenants running with the Land and shall bind any person having at any time any interest or estate in (any of) the Unit, as though recited and stipulated at length herein. The Unit is to be used in accordance with the Declaration and By-Laws, for use in compliance with the Declaration and By-Laws. The Grantee accepts the provisions of the Declaration and the By-Laws (and any Rules and Regulations adopted under the By-Laws) and agrees to comply with all the terms and provisions thereof

TOGETHER with all right, title and interest, if any, of the Grantor in and to any streets and roads abutting the above described premises to the center lines thereof;

TOGETHER with the appurtenances, and all the estate and rights of the Grantor in and to said premises;

TO HAVE AND TO HOLD the premises herein granted unto Grantee, the heirs or successors and assigns of the Grantee forever.

AND, Grantor, in compliance with Section 13 of the Lien Law, covenants that the Grantor will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

(*Remainder of Page Intentionally Blank – Signature Pages to Follow*)

SAMPLE

IN WITNESS WHEREOF, the Grantor and Grantee have duly executed this deed the day and year first above written.

GRANTOR:

IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION

By: _____
Name: Reverend A. R. Bernard
Title: President

GO BROOME LLC, a New York limited liability company

By: GO Broome Venture LLC, its sole member

By: GO Broome MM LLC, its managing member

By: DLP 2019 LLC, its manager

By: _____
Name: David L. Picket
Title: Manager

GRANTEE

IUV PHASE 1 OWNER, LLC

By: IUV Phase 1 JV, LLC, its sole member

By: Innovative Urban Living, LLC, its co-designated member

By: GO UCL, LLC, its managing member

By: DLP 2019, LLC, its managing member

By: _____
Name: David L. Picket
Title: Manager

SAMPLE

STATE OF NEW YORK)
) ss.:
COUNTY OF _____)

On the ____ day of _____, in the year 2023, before me, the undersigned, a Notary Public in and for said State, personally appeared DAVID L. PICKET, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public

STATE OF NEW YORK)
) ss.:
COUNTY OF _____)

On the ____ day of _____, in the year 2023, before me, the undersigned, a Notary Public in and for said State, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public

RECORD AND RETURN TO:

Block:	4434
Lot:	[XXXX]
Street Address:	[ADDRESS OF RETAIL UNIT]
	Brooklyn, New York
County:	Kings

SAMPLE

SCHEDULE A
(LEGAL DESCRIPTION)

EXHIBIT 3
FORM OF PARTIAL TERMINATION OF NOMINEE AGREEMENT

[See Following Page]

PARTIAL TERMINATION OF DECLARATION OF INTEREST AND NOMINEE AGREEMENT

BY AND BETWEEN

IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION,

AND

IUV PHASE 1 OWNER, LLC

AND

IUV PHASE 1 LIHTC OWNER, LLC

Location of Released Premises:
Block 4434, Lot [Retail Tax Lot] (f/k/a part of Lot 10)
Kings County, New York

RECORD AND RETURN TO:

Hirschen Singer & Epstein LLP
902 Broadway, 13th Floor
New York, New York 10010
Attention: Russell A. Kivler, Esq.

SAMPLE

PARTIAL TERMINATION OF DECLARATION OF INTEREST AND NOMINEE AGREEMENT

THIS PARTIAL TERMINATION OF DECLARATION OF INTEREST AND NOMINEE AGREEMENT (the "**Partial Termination**"), made as of the _ day of November 2023 ("**Effective Date**"), by and among **IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION**, a New York not-for-profit corporation organized pursuant to Article XI of the Private Housing Finance Law of the State of New York ("**Article XI**") and Section 402 of the Not-for-Profit Corporation Law of the State of New York with an office at 12020 Flatlands Avenue, Brooklyn, New York 11207 (the "**HDFC**"), and **IUV PHASE 1 OWNER, LLC**, a New York limited liability company with an office at c/o Gotham Organization, Inc., 432 Park Avenue South, Second Floor, New York, NY 10016 (the "**Retail Company**") and **IUV PHASE 1 LIHTC OWNER, LLC**, a New York limited liability company with an office at c/o Gotham Organization, Inc., 432 Park Avenue South, Second Floor, New York, NY 10016 (the "**Residential Company**", and together with the Retail Company, the "**Company**"), dated as of [MONTH] [#], 202[]. [NOTE TO FORM: ON OR BEFORE CONVERSION DATE]

WITNESSETH

WHEREAS, Residential Company, Retail Company and HDFC entered into that certain Declaration of Interest and Nominee Agreement dated as of [March 27, 2024] and recorded on [MONTH] [#], 202[#] as CRFN 201[XXXXXXXXX] in the Office of the New York City Register, Kings County (the "**Existing Nominee Agreement**"), in connection with the property previously known as Block 4434, Lot 10 (n/k/a Lots [XXXX]; [XXXX]; and [XXXX]) in the Tax Map of the City of New York, Kings County, as further described in Appendix A (the "**Property**"). Capitalized terms not defined herein shall have the definition as set forth in the Existing Nominee Agreement.

WHEREAS, Residential Company, Retail Company and HDFC (A) have substantially completed the construction of the mixed-use building at the Property, and (B) established a plan for a condominium ownership known as the Tremont Avenue Condominium ("**Condominium**"), under Article 9-B of the Real Property Law of the State of New York (the "Condominium Act") made by [DECLARANT PARTIES] dated [MONTH] [#], 202[#] and recorded in the Kings County Office of the Register of the City of New York on [MONTH] [#], 202[#] as CRFN 202[XXXXXX], and also designated as Tax Lot [XXXX] in Block 4434 of the Borough of Manhattan on the Tax Map of the Real Property Assessment Department of the City of New York, and on the floor plans of said building certified by [ARCHITECT AS SIGNED ON PLANS], Registered Architect on [MONTH] [#], 202[#] and filed in said Real Property Assessment Department of the City of New York as Condominium Plan No. [####] and also filed on [MONTH] [#], 202[#] as CRFN 202[XXXXXX] in the aforesaid Register's Office ("**Floor Plans**" and together with the Declaration, inclusive of all exhibits and schedules, the "**Condominium Documents**").

WHEREAS, as set forth in Paragraph 21 of the Existing Nominee Agreement upon the date of conveyance of Block 4434, Lot 1002 (aka the "**Retail Condo Unit**") to Retail Company,

DRAFT

its successor and/or assigns, together with Paragraph 6(e) of the Existing Nominee Agreement, as of the date of this Partial Termination, the HDFC is conveying by that certain Bargain and Sale Deed all of the bar record title, right, title and interests in Retail Condo Unit to Retail Company.

WHEREAS, on and after the Effective Date of this Partial Termination, (1) the Retail Condo Unit (as set forth in **Appendix B**) shall be released from encumbrance, rights and obligations of the Existing Nominee Agreement and shall terminate as to all references, rights, obligations with respect to the Retail Condo Unit, and further (2) the defined term "Project" in the Existing Nominee shall hereinafter solely refer to the Residential Condo Unit (i.e. Block 4434, Lots [XXXX] and [XXXX]) and its appurtenant interests (as set forth in **Appendix C**).

NOW, THEREFORE, for good and valuable consideration, the receipt and legal sufficiency of which are hereby acknowledged, the parties agree as follows as of the Effective Date:

1. The Existing Nominee Agreement, solely with respect to the Retail Condo Unit and all of its appurtenant interests as set forth in the Condominium Documents is hereby canceled and terminate, provided however that the indemnification rights and obligations as set forth in Paragraph 11 of the Existing Nominee Agreement (in favor of HDFC), shall expressly survive this Partial Termination as an obligation on Retail Company.

2. This Partial Termination is governed by the internal laws of the State of New York without regard to conflicts of law principles.

3. This Partial Termination may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed to be an original and all of which taken together shall constitute but one and the same instrument.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

SAMPLE

IN WITNESS WHEREOF, the parties hereto have executed this Partial Termination of Declaration of Interest and Nominee Agreement as of the date and year first written above.

RETAIL COMPANY:

IUV PHASE 1 OWNER, LLC

By: IUV Phase 1 JV, LLC, its sole member

By: Innovative Urban Living, LLC, its co-designated member

By: GO UCL, LLC, its managing member

By: DLP 2019, LLC, its managing member

By: _____

Name: David L. Picket
Title: Manager

RESIDENTIAL COMPANY:

IUV PHASE 1 LIHTC OWNER, LLC

By: IUV Phase 1 MM, LLC, its managing member

By: IUV Phase 1 JV, LLC, its managing member

By: Innovative Urban Living, LLC, its co-designated member

By: GO UCL, LLC, its managing member

By: DLP 2019, LLC, its managing member

By: _____

Name: David L. Picket
Title: Manager

HDFC:
IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION

By: _____

Name: Reverend A. R. Bernard
Title: President

SAMPLE

STATE OF NEW YORK)
)SS:
COUNTY OF NEW YORK)

On the ____ day of _____ in the year 202[ ] before me, the undersigned, a Notary public in and for said State, personally appeared _____ _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/this executed the same in his/her/their capacity(ies) and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public

STATE OF NEW YORK)
)SS:
COUNTY OF NEW YORK)

On the ____ day of _____ in the year 202[ ]before me, the undersigned, a Notary public in and for said State, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/this executed the same in his/her/their capacity(ies) and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public

APPENDIX A – TO FORM

Legal Description of Property

[TO BE ADDED FORM FULL DESCRIPTION OF LAND AND CONDOMINIUM REGIME]

APPENDIX B – TO FORM

Legal Description of Retail Condo Unit released from Existing Nominee Agreement as of Effective Date

[NOTE TO FORM: ADD LEGAL DESCRIPTION OF RETAIL CONDO UNIT]

APPENDIX C – TO FORM

Legal Description of Residential Condo Unit remaining under the Existing Nominee Agreement

[NOTE TO FORM: ADD LEGAL DESCRIPTION OF RESIDENTIAL CONDO UNIT]

[END OF FORMS - REMAINDER INTENTIONALLY BLANK]

EXHIBIT F

(Filled out by Applicant)

BLOCK 4434

LOT 10

APPLICATION for STREET NUMBER(S)**

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN
TOPOGRAPHICAL BUREAU - STREET NUMBER DIVISION
209 JORALEMON STREET BROOKLYN, NY 11201
T: (718) 802-3919 E: Topoappts@brooklynbp.nyc.gov

Sanborn Atlas Information

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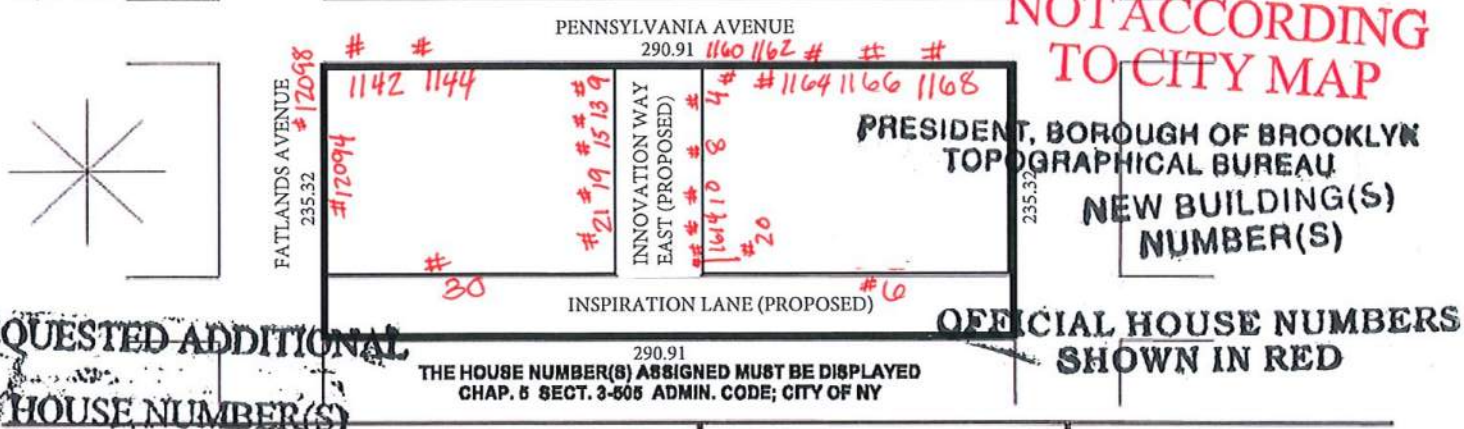
PAGE 86

Topo Site/Plot Plan



NOT ACCORDING TO CITY MAP

PRESIDENT, BOROUGH OF BROOKLYN
TOPOGRAPHICAL BUREAU
NEW BUILDING(S)
NUMBER(S)

OFFICIAL HOUSE NUMBERS SHOWN IN RED

REQUESTED ADDITIONAL HOUSE NUMBER(S)

THE HOUSE NUMBER(S) ASSIGNED MUST BE DISPLAYED
CHAP. 5 SECT. 3-505 ADMIN. CODE; CITY OF NY

APPLICANTS NAME: Peter Natapov
COMPANY: JM Zoning LLC
ADDRESS: 225 Broadway, Suite 1300
New York, NY 10007
PHONE NO.: 91-472-9816

FILLED OUT BY TOPO STAFF

ASSIGNED BY:

REVIEWED BY: 8/8/2023

DATE

JUN 12 2023

(Dated by Topo Dept.)

FILLED OUT BY TOPO STAFF

Application submitted by: ☐ DROP OFF ☐ MAIL IN

Taken by:

☑ **New Building - Existing Lot**
(Must be accompanied by Topo TF-2 & DOB: PD-1 applications signed by PE or RA)

☐ **New Subdivision/Consolidation/Reconfiguration**
(Must be accompanied by Topo TF-2 & DOB: PD-1 applications signed by PE or RA) --
PLUS a copy of a signed Tentative Lot/RP602 form from DOF)

☐ **Demolition**
(Must be accompanied by Topo TF-2 & DOB: PD-1 applications signed by PE or RA)

☐ **Alteration of Existing Structure or Certificate of Occupancy**
(Must be accompanied by Topo TF-2 & DOB: PD-1 applications signed by PE or RA)

☐ **Existing Structure - Application for ☐ new, ☐ additional or ☐ verification of address**
(If no DOB work, copy of the deed and Schedule A can replace PD1 requirement)

INSTRUCTIONS TO APPLICANT

1. Check **PURPOSE OF APPLICATION** above.
2. Attach appropriate documentation as required.
3. **NO RED INK/PENCIL ON TOPO OR DOB FORMS**
4. Complete ground/1st floor plan including the following:
   - north arrow
   - all street names
   - dimensions of tax lot
   - distance to nearest corner
   - footprint of building and location of entrance ▲

APPLICANT COMMENT/ REQUEST

Private Streets are being proposed with some house numbers requested along new private streets - This is a single bldg with two segments connected in the cellar

22 Addresses

NOTE: APPLICATIONS FOR SITES WITH A LOT SIZE GREATER THAN 5,000 SQUARE FEET MUST INCLUDE GROUND OR FIRST FLOOR PLANS (No bigger than 11x17). PLANS ARE ALSO REQUIRED FOR ANY LOT IN WHICH ADDITIONAL ADDRESSES ARE REQUESTED OR AN ENTRANCE DISCREPANCY. PLANS MUST HAVE ORIGINAL STAMP AND SIGNATURE OF A NEW YORK STATE PROFESSIONAL ENGINEER (P.E.) OR REGISTERED ARCHITECT (R.A.)

**** $100 fee per house number/per application set**
(Bank Certified Checks/Money Orders payable to Brooklyn Borough President's Office, Credit/Debit Cards)

TF-2 form

TOPOGRAPHICAL BUREAU - STREET NUMBER DIVISION

APPLICATION for STREET NUMBER(S)

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN
TOPOGRAPHICAL BUREAU - ROOM 340
209 JORALEMON STREET BROOKLYN, NY 11201
T: (718) 802-3919 E: Toposappts@brooklynbp.nyc.gov

1 Contact Information for Pick Up – MUST BE FILLED OUT COMPLETELY

Name of Representative dropping off application(s) (please print): Andrew Day

Business Name: JM Zoning LLC

Business Address: 225 Broadway, Suite 1300

City: New York State: NY Zip: 10007

Business Telephone: 212-964-4464 Cell Number:

EMAIL (for Pick Up notification): ADAY@JMZONING.COM

2 Location Information

House Number: 12096 Street Name: Flatlands Avenue

Borough: Brooklyn Block: 4434 Lot: 10 CBNo.: 305

BIN: 3429555 DOB Job Number: B00851-722-I1

Apt/Condo No(s): Work on Floor(s): Cellar, 1-15, Roof

3 Applicant Information: Required for all applications filing with DOB

Last Name: Glas First Name: Gloria

Choose one: ☐ P.E. ■ R.A. License Number: 020204

Business Name: SLCE Architects

Email Address: GGlas@SLCEArch.com

Business Telephone: 212-979-8400 Cell Number:

Business Address: 1359 Broadway, 14th Floor

City: New York State: NY Zip: 10018

4 | Filing Representative: Those filing with TOPO on behalf of applicant/owner

Last Name: Natapov First Name: Peter

Business Name: JM Zonign LLC

Registration Number: 001185

Email Address: ~~Peter@JMZoning.com~~ ADAYE@JMZONING.COM

Business Telephone: 917-472-9816 Cell Number: _____

Business Address: 225 Broadway, Suite 1300

City: New York State: NY Zip: 10007

5 | Job/Project Type: Required for all applications. Choose one.

Check off the type of work that is being completed below:

☑ New Building ☐ Alteration filing ☐ Subdivision/Merger (Tentative RP602 form required)

☐ Demolition ☐ Superseding Applicant ☐ Other (explain): _____

The following must be included in your application based on the kind of work being done:

☐Topo application Form (TF-1)
☐Topo job information form (TF-2)
☐DOB PD-1 form

☐Deed & Schedule A (as described in TF-1)
☐Notarized letter from owner (Required for apps. w/o DOB filings)
Note: *Only the Owner can apply for addresses, if owner cannot attend and there are no DOB filings involved, a notarized letter giving permission to apply on their behalf must be submitted.*

☐1st floor plans (as described in #4 on TF-1)
☐Pictures of each street side of location (for existing buildings w/o plans)
☐Survey (if applicable or requested by Topo Staff)

☐DOF - RP602 form (Required for lots in a merger/subdivision)
☐A Street Number application for all new or affected lots listed on RP602.
Note: *Every tax lot listed in the "new lot(s)" or "affected lot(s)" area at the bottom, must apply for address assignment or verification. We must have all applications to move forward with any application. If your team is not working on that lot, please coordinate with the owner to have those other applications submitted.*

☐$100 per entrance/per application set

6	Job Description

CONSTRUCT NEW FIFTEEN (15) STORY MIXED USE BUILDING AS PER PLANS FILED

7	Tax Lot Characteristics

Original Tax Lots being merged or reapportioned (if applicable)

Tentative Tax Lot Numbers (new tax lots only)

8	Comments

9	Property Owner Information

Owner Type: ☐ Tenant/Shareholder ☐ Individual ■ Partnership/ Corporation ☐ Condo/Co-Op
☐ NYCHA/HHC/SCA ☐ NYC Agency ☐ Other Government Agency

Name (please print): David Picket

Relationship to owner: Authorized Signatory

Business Name/Agency: IUV PHASE 1 OWNER LLC

Street Address: 432 Park Avenue South

City: New York State: NY Zip: 10016

Telephone: 212-716-2540 Email: IUVPHASE1A@GOTHAMORG.COM

10 | Applicant's Statement and Signature

I hereby certify that I prepared or supervised the preparation of the documents submitted herewith and that the information indicated in this document is true and accurate to the best of my knowledge. I acknowledge that all street numbers are assigned based on the building's entrance location and that the Topographical Bureau will assign addresses to new buildings or buildings with new entrances as appropriately as possible. I understand that if I am found after to have falsified any information provided or forged/erased any assignment the Topographical Bureau has given, I will be barred from filing with the Bureau in the future.

Name (print): Gloria Glas

Sign/Date: 05-09-23

[P.E./ R.A. applicants apply seal then sign & date]

11 | INSTRUCTIONS TO APPLICANT

ADDITIONAL ADDRESSES:

All residential, commercial, retail, community facility, office and ambulatory facility entrances must apply for their own address at time of submittal.

PLAN REQUIRMENTS:

Applications with a frontage on a street greater than 50 ft OR with a lot size greater than 5,000 sq. ft. must include a 1-page 1st floor plan with a site/plot plan overlay, no bigger than 11 x17
PLANS WILL ALSO BE REQUIRED FOR ANY LOT IN WHICH ADDITIONAL ADDRESSES ARE REQUESTED OR IF THERE IS A DESCREPENCY OF WHERE AN ENTRANCE IS LOCATED.

Plans must include the following:

- No red ink
- north arrow
- all street names
- depiction of full tax lot (not just building)
- dimensions of tax lot(s)
- distance to nearest corner
- distance to the main entrance
- footprint of building
- location of entrances/doors
- Seal of Registered Architect or Engineer

New York City Department of Finance • Property Division • Tax Map Office

APPLICATION FOR APPORTIONMENTS OR MERGERS

Instructions: Please complete this application and *submit in person* to: ***Department of Finance, Property Division - Tax Map Office, 66 John Street, 2nd floor, New York, NY 10038.*** Please read the instructions for further details before completing this form. Print clearly.

SECTION A: PROPERTY INFORMATION

Borough: Brooklyn Block: 4430 / 4434 Present Lot(s): 1 / 1

DO NOT WRITE IN THIS SPACE - FOR OFFICE USE ONLY

☐ Merger ☒ Apportionment Number of Lots Requested 2 Lot Number: 1 / 1

☐ Air ☐ Subterranean

Lot(s)Usage: (check one)
- ☐ *Residential* Building Gross Sq/Ft:
- ☐ *Commercial* Building Gross Sq/Ft:
- ☒ *Mix* (Residential & Commercial) Building Gross Sq/Ft: 584,943 sf (Existing 90,000sf + Proposed 494,943sf)

1. Property Owner's Name (as per Deed): (LAST NAME / FIRST NAME)
   OR
   Company Name: Christian Cultural Center, Inc.
2. Property Address: 12074 Flatlands Avenue (NUMBER AND STREET) Brooklyn (CITY) NY (STATE) 11207 (ZIP CODE)
3. Filing Representative (if applicable): Frank Delcon, Milrose Consultants, LLC; teamnynu@milrose.com

SECTION B: CERTIFICATION

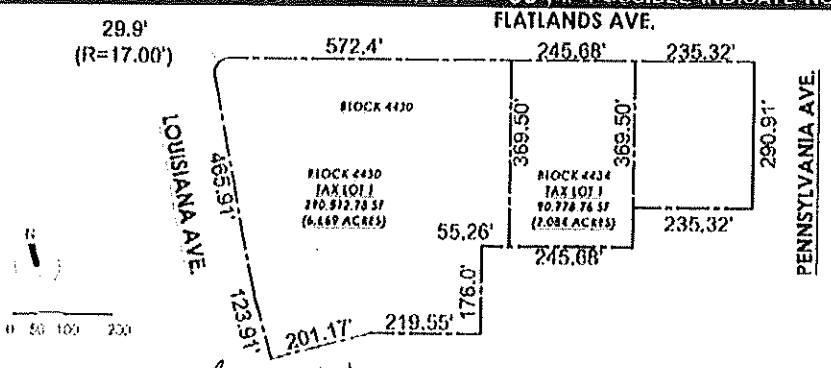
1. Architect/Engineer/Applicant's Name: Glas (LAST NAME) Gloria (FIRST NAME)
2. Address: 1359 Broadway (NUMBER AND STREET) New York (CITY) NY (STATE) 10018 (ZIP CODE)
3. Telephone Number: 212-979-8400 4. Email Address: gglas@slcearch.com

The applicant hereby certifies that, in making this application for merger/apportionment, s/he is the owner, or acting under the direction of the owner.

Signature of Architect/ Engineer/Applicant: GGlas Date: 01 / 19 / 23

TAX MAP CHANGE WILL NOT BE MADE UNTIL PRESENTATION OF REQUIRED DOCUMENTS (see reverse for the required documents)

DRAW SKETCH TO SCALE 1" = 50', IF POSSIBLE INDICATE NORTH ARROW



(Architect or Engineer's seal)

Tentative Lot(s) issued: 4430 / 4434
Customer Service Representative: Date: 2 / 1 / 23 New Lot(s): ____ Lot(s) Affected: 1 / 1 Lot(s) Dropped: ____

Please note: Map changes will not be made until presentation of all required documents is reviewed and approved by the Specialist. Lots are tentative until final approval is received from the Tax Map Office.

Map Updated:
Tax Map Specialist Date: / /

NYC Buildings

PD-1: Plot Diagram

Must be typewritten.

DOB APP #: B00851722

Orient and affix BIS job number label here

1 Location Information

House No(s) 12096 Street Name FLATLANDS AVENUE

Borough BROOKLYN Block 04434 Lot 0010 BIN 3429555 C.B. No. 305

2 Plot Diagram of Zoning Lot

Plot Diagram must show the correct street lines from the City Plan; the plot to be built upon in relation to the street lines and the portion of the lot to be occupied by the building; the legal grades and the existing grades, properly identified, of streets at nearest point from the proposed buildings in each direction; the House Numbers and the Block and Lot Numbers. Indicate dimensions of total tax lots.

SEE ATTACHED DIAGRAM

REGISTERED ARCHITECT GLORIA B. GLAS 020204-1 STATE OF NEW YORK P.E. / R.A. Seal required

JUN 12 2023

NORTH ARROW

3 Description of Land and Premises *The zoning lot on which the premises is located is bounded as follows:*

BEGINNING at the point on the WEST side of PENNSYLVANIA AVE distant 0 feet

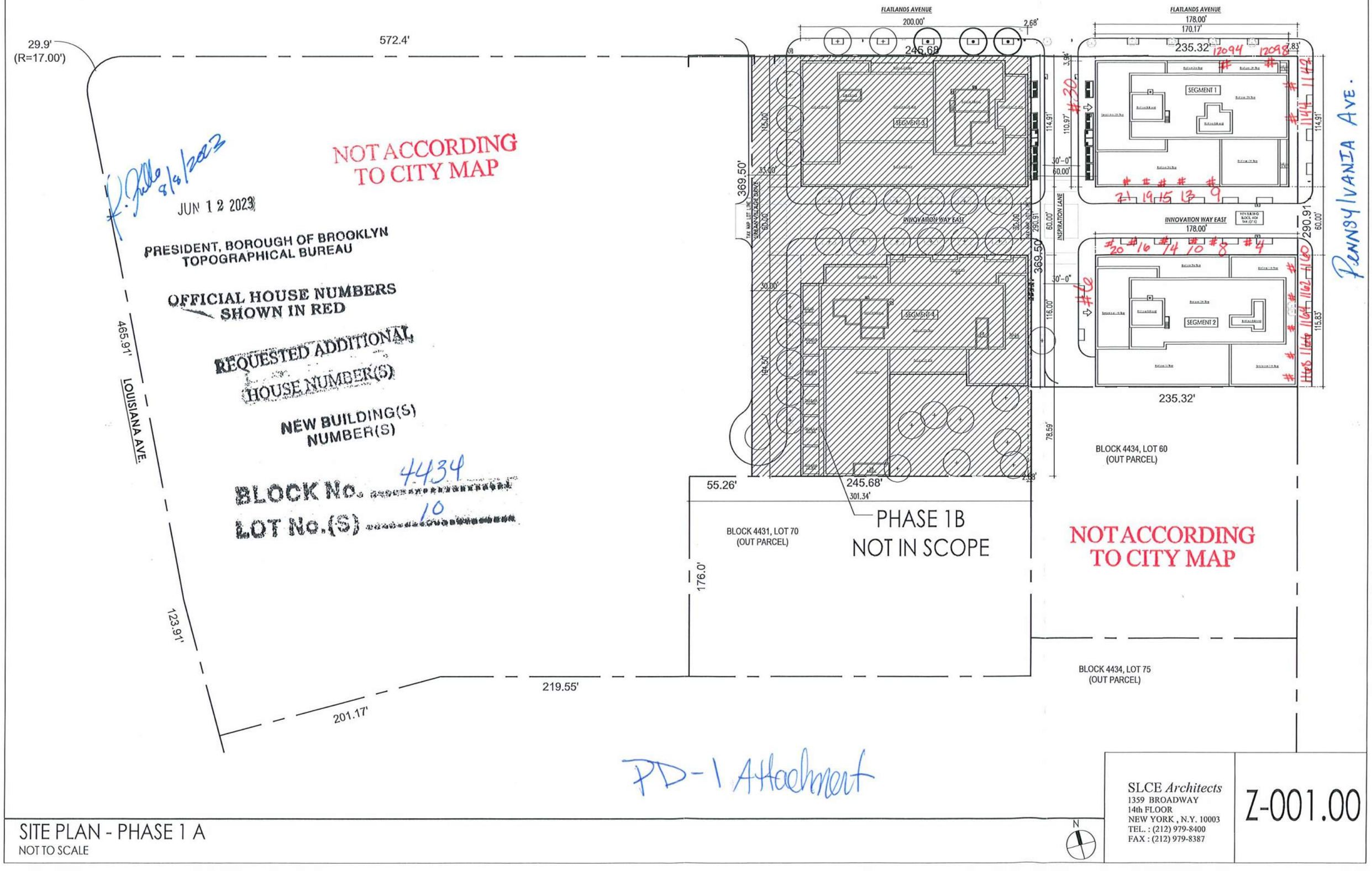
SOUTH of the corner formed by the intersection of FLATLANDS AVENUE and PENNSYLVANIA AVE

running thence	South 290.91	feet; thence	West 235.32	feet; thence	South 78.59	feet; thence	west 300.94	feet;
thence	south 176.00	feet; thence	West 219.55	feet; thence	SW 201.17	feet; thence	North 123.92	feet;
thence	north 465.91	feet; thence	East 1053.39	feet; thence		feet; thence		feet;
thence		feet; thence		feet; thence		feet; thence		feet;
thence		feet; thence		feet; thence		feet;		to the point of beginning.

4 Applicant's Statement and Signature

Falsification of any statement is a misdemeanor under § 28-203.1, Item 1, and 28-11.1 of the NYC Administrative Code and is punishable by a fine or imprisonment, or both. It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

Applicant Name GLORIA GLAS Signature Date 06-09-23



SITE PLAN - PHASE 1 A
NOT TO SCALE

SLCE *Architects*
1359 BROADWAY
14th FLOOR
NEW YORK , N.Y. 10003
TEL. : (212) 979-8400
FAX : (212) 979-8387

Z-001.00

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BLOCK No. 4434

LOT No.(S) 10

NEW BUILDING(S)
NUMBER(S)

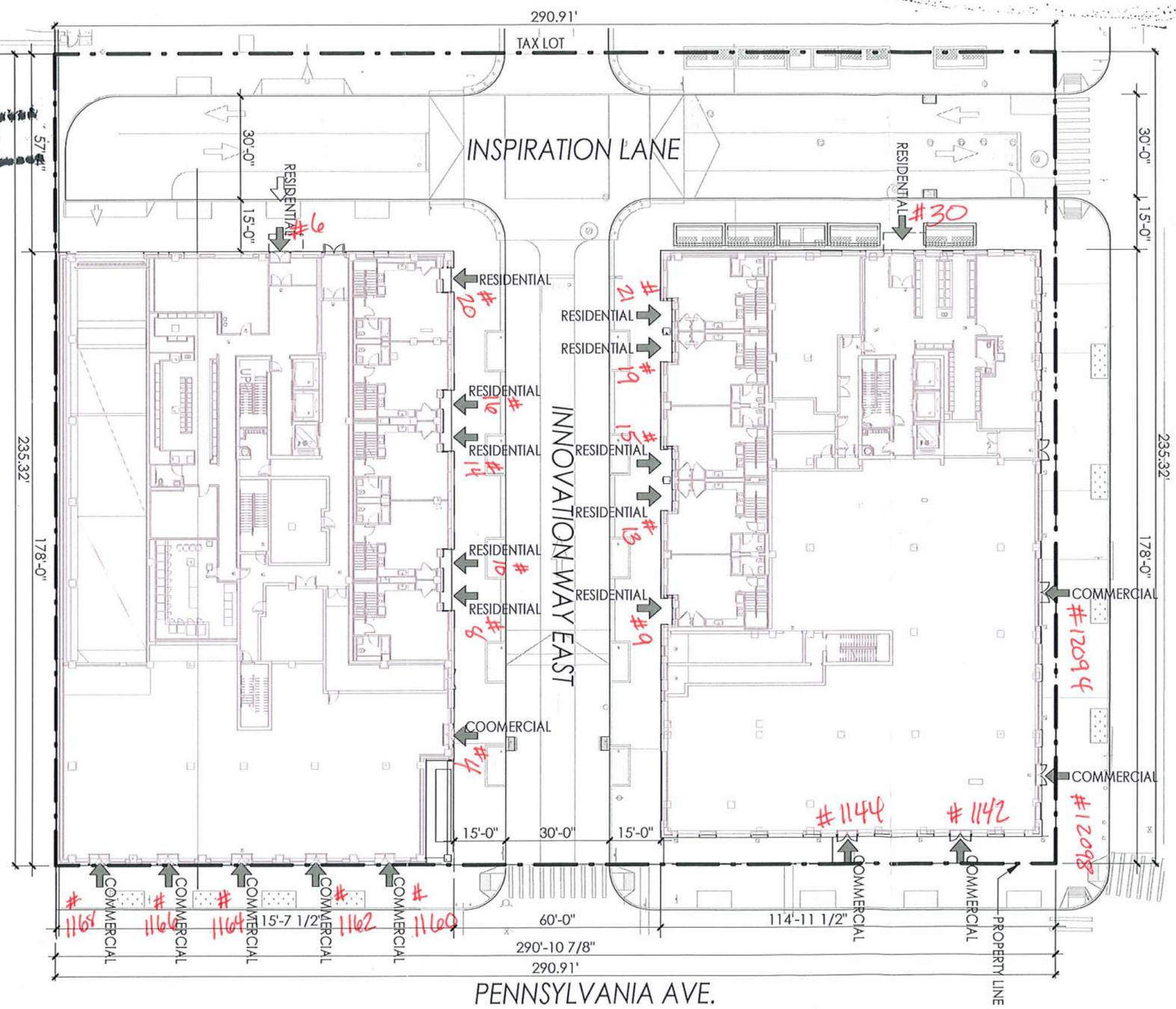
REQUESTED ADDITIONAL
(HOUSE NUMBER(S)

OFFICIAL HOUSE NUMBERS
SHOWN IN RED

PRESIDENT, BOROUGH OF BROOKLYN
TOPOGRAPHICAL BUREAU

NOT ACCORDING
TO CITY MAP

f. Kelly 8/8/2023
JUN 12 2023



DRAWING TITLE:
1st Floor Plans - Proposed Street Names

SLCE*Architects*

PROJECT NAME:
IUV / CCC - Phase 1A
12096 FLATLANDS AVENUE
BROOKLYN, NY

PROJECT NUMBER: 2022-18
FILE LOCATION: CONST\SKs
DATE: 06/09/23
SCALE: 1/32" = 1'-0"
REF: A-003
SK NO.: SK-003A

EXHIBIT G

WRITTEN CONSENT

The undersigned, GO UCL LLC, the Managing Member of Innovative Urban Living, LLC, does hereby certify as follows:

1. Innovative Urban Living, LLC is the prospective volunteer for the Brownfield Cleanup Program ("Volunteer"), which entity intends to perform investigation and remediation work on a portion of 12120 Flatlands Avenue, Brooklyn, New York 11207, Brooklyn Block 4434 Lot 1 (the "Site"). Final subdivision approval is pending, which will result in the Site being known as Block 4434 Lot 10.

2. The following person, David L. Picket, the Authorized Representative of GO UCL LLC, which is the Managing Member of the Volunteer, has been authorized to execute any documents required by the New York State Department of Environmental Conservation on behalf of the Volunteer, including but not limited to the BCP Application, the Brownfield Cleanup Agreement ("BCA"), Applications to Amend the BCA, Change of Use Notifications, Certificate of Completion, and if required, an Environmental Easement.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on this 9 ay of N ov, 2018.

GO UCL LLC

By: Bryan Kelly
Authorized Representative of GO UCL LLC
Managing Member of Innovative Urban Living, LLC

WRITTEN CONSENT

The undersigned, being an Authorized Representative of IUV Phase 1 LIHTC Owner LLC, does hereby certify as follows:

1. IUV Phase 1 LIHTC Owner LLC, is the prospective volunteer to be added to the existing Brownfield Cleanup Program ("BCP") Agreement ("BCA") Index No. C224290-04-1 9 for real property located at 12096 Flatlands Avenue Brooklyn, New York 11207 (Brooklyn Block 4434 Lot 10) and which is known as the 12096 Flatlands Avenue BCP Site No. C224290, (the "BCP Site")

2. The following person, David L. Picket, the Authorized Representative of IUV Phase 1 LIHTC Owner LLC has been authorized to execute any documents required by the New York State Department of Environmental Conservation on behalf of prospective BCP Site Volunteer IUV Phase 1 LIHTC Owner LLC, including but not limited to the BCA, Applications to Amend the BCA, Change of Use Notifications, the Certificate of Completion, and if required an Environmental Easement.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on this 20th day of February, 2023.

IUV Phase 1 LIHTC Owner LLC

Bryan Kelly

By: Bryan Kelly
Authorized Representative

WRITTEN CONSENT

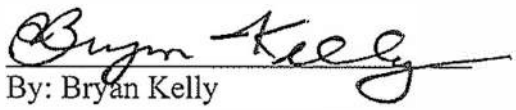
The undersigned, being an Authorized Representative of IUV Phase I Owner, LLC, the beneficial owner of the BCA Site described below, does hereby certify as follows:

1. IUV Phase I Owner, LLC, is a prospective volunteer to be added to the existing Brownfield Cleanup Program ("BCP") Agreement ("BCA") Index No. C224290-04-19 for real property located at 12096 Flatlands Avenue Brooklyn, New York 11207 (Brooklyn Block 4434 Lot 10) and which is known as the 12096 Flatlands Avenue BCP Site No. C224290, (the "BCP Site").

2. The following person, David L Picket, the Authorized Representative of IUV Phase I Owner, LLC, has been authorized to execute any documents required by the New York State Department of Environmental Conservation on behalf of prospective BCP Site Volunteer IUV Phase I Owner, LLC, including but not limited to the BCA, Applications to Amend the BCA, Change of Use Notifications, Certificate of Completion, and if required, an Environmental Easement.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on this 15th day of August 2023.

IUV Phase I Owner, LLC



By: Bryan Kelly
Authorized Representative of IUV Phase 1 Owner, LLC

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

60-Day Advance Notification of Site Change of Use, Transfer of Certificate of Completion, and/or Ownership

Required by 6NYCRR Part 375-1.11(d) and 375-1.9(f)

To be submitted at least 60 days prior to change of use to:

Chief, Site Control Section
New York State Department of Environmental Conservation
Division of Environmental Remediation, 625 Broadway
Albany NY 12233-7020

I. Site Name: 12096 Flatlands Avenue **DEC Site ID No.** C224290

II. Contact Information of Person Submitting Notification:

Name: Linda R. Shaw, Esq., Knauf Shaw LLP

Address1: 2600 Innovation Square, 100 S. Clinton Ave

Address2: Rochester, New York 14604

Phone: (585) 546-8430 E-mail: lshaw@nyenvlaw.com

III. Type of Change and Date: Indicate the Type of Change(s) (check all that apply):

- [x] Change in Ownership or Change in Remedial Party(ies)
- [ ] Transfer of Certificate of Completion (CoC)
- [ ] Other (e.g., any physical alteration or other change of use)

Proposed Date of Change (mm/dd/yyyy): 3/27/2024

IV. Description: Describe proposed change(s) indicated above and attach maps, drawings, and/or parcel information.

On 3/27/2024, Christian Cultural Center, Inc. transfered fee title of the BCP Site to Urban Living ~~Alternatives, LLC, by deed recorded 4/1/2024. Immediately, thereafter, Urban Living Alternatives, LLC~~ transfered the title of the BCP Site to IUV Phase 1A Housing Development Fund Corporation as nominee ~~for Volunteers IUV Phase I Owner, LLC (renamed IUV Phase 1 Owner, LLC) and UV Phase 1 LIHTC~~ Owner LLC (renamed IUV Phase 1 LIHTC Owner, LLC). Also on 4/1/2024, a Declaration of Interest and

If "Other," the description must explain and advise the Department how such change may or may not affect the site's proposed, ongoing, or completed remedial program (attach additional sheets if needed).

Nominee Agreement between IUV Phase 1A Housing Development Fund Corporation, IUV Phase 1 Owner, LLC and IUV Phase 1 LIHTC Owner, LLC was recorded. Therefore, IUV Phase 1A Housing Development ~~Fund Corporation is the title owner of the Site and current renamed Volunteers, IUV Phase 1 Owner, LLC~~ and IUV Phase 1 LIHTC Owner, LLC are the beneficial owners of the Site. Please note that a BCA ~~Amendment Application was submitted to the DEC 2/21/2024~~, giving the DEC notice of the change in owner.

V. **Certification Statement:** Where the change of use results in a change in ownership or in responsibility for the proposed, ongoing, or completed remedial program for the site, the following certification must be completed (by owner or designated representative; see §375-1.11(d)(3)(i)):

I hereby certify that the prospective purchaser and/or remedial party has been provided a copy of any order, agreement, Site Management Plan, or State Assistance Contract regarding the Site's remedial program as well as a copy of all approved remedial work plans and reports.

Name: _____ (Signature) 5/22/2024 (Date)

David L. Picket, Authorized Signatory
(Print Name)

Address1: Innovative Urban Living, LLC, IUV Phase 1 LIHTC Owner, LLC and IUV Phase 1 Owner, LLC

Address2: 432 Park Avenue South, 2nd Floor, New York, New York 10016

Phone: (212) 599-0520 E-mail: smaleh@gothamorg.com

VI. **Contact Information for New Owner, Remedial Party, or CoC Holder:** If the site will be sold or there will be a new remedial party, identify the prospective owner(s) or party(ies) along with contact information. If the site is subject to an Environmental Easement, Deed Restriction, or Site Management Plan requiring periodic certification of institutional controls/engineering controls (IC/ECs), indicate who will be the certifying party (attach additional sheets if needed).

☑ Prospective Owner ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: IUV Phase 1A Housing Development Fund Corporation (Title Owner), Jim Halek

Address1: c/o Christian Cultural Center, Inc. 12020 Flatlands Avenue

Address2: Brooklyn, New York 11207

Phone: (718) 306-1000 E-mail: jhalek@integritydevelopment.com

Certifying Party Name: David L. Picket

Address1: Innovative Urban Living, LLC, IUV Phase 1 LIHTC Owner, LLC and IUV Phase 1 Owner, LLC

Address2: 432 Park Avenue South, 2nd Floor, New York, New York 10016

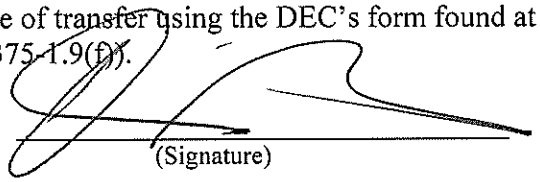
Phone: (212) 599-0520 E-mail: smaleh@gothamorg.com

VII. **Agreement to Notify DEC after Transfer:** If Section VI applies, and all or part of the site will be sold, a letter to notify the DEC of the completion of the transfer must be provided. If the current owner is also the holder of the CoC for the site, the CoC should be transferred to the new owner using DEC's form found at http://www.dec.ny.gov/chemical/54736.html. This form has its own filing requirements (see 6NYCRR Part 375-1.9(f)).

Signing below indicates that these notices will be provided to the DEC within the specified time frames. If the sale of the site also includes the transfer of a CoC, the DEC agrees to accept the notice given in VII.3 below in satisfaction of the notice required by VII.1 below (which normally must be submitted within 15 days of the sale of the site).

Within 30 days of the sale of the site, I agree to submit to the DEC:

1. the name and contact information for the new owner(s) (see §375-1.11(d)(3)(ii));
2. the name and contact information for any owner representative; and
3. a notice of transfer using the DEC's form found at http://www.dec.ny.gov/chemical/54736.html (see §375-1.9(f)).

Name:  5/22/2024

(Signature) (Date)

David L. Picket, Authorized Signatory

(Print Name)

Address1: Innovative Urban Living, LLC, IUV Phase 1 LIHTC Owner, LLC and IUV Phase 1 Owner, LLC

Address2: 432 Park Avenue South, 2nd Floor, New York, New York 10016

Phone: (212) 599-0520 E-mail: smaleh@gothamorg.com

Continuation Sheet

☑ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: IUV Phase 1 LIHTC Owner, LLC (Beneficial Owner), Simeon Maleh

Address1: 432 Park Avenue South, 2nd Floor

Address2: New York, New York 10016

Phone: (212) 599-0520 E-mail: smaleh@gothamorg.com

☑ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: IUV Phase 1 Owner, LLC (Benefical Owner), Simeon Maleh

Address1: 432 Park Avenue South, 2nd Floor

Address2: New York, New York 10016

Phone: (212) 599-0520 E-mail: smaleh@gothamorg.com

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name:

Address1:

Address2:

Phone: E-mail:

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name:

Address1:

Address2:

Phone: E-mail:

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name:

Address1:

Address2:

Phone: E-mail:

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name:

Address1:

Address2:

Phone: E-mail:

Amanda Forsburg

From: Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>
Sent: Thursday, September 5, 2024 12:31 PM
To: Amanda Forsburg; Wu, Steven (DEC); O'Connell, Jane H (DEC)
Cc: Fabian Noel; Lshaw@nyenvlaw.com; Simeon E. Maleh AIA, LEED AP (smaleh@gothamorg.com); Jeremy Kyrkostas; Lauren Kott; Steve Ciambruschini; Ron Boyer
Subject: [External] RE: 12096 Flatlands Avenue (BCP Site No. C224290) - Endpoint Sampling Results

Amanda,
Thank you for the summary, The below bulletpoints accurately reflect our call yesterday.
We can provide the Volunteer a copy of the Memo.
Thanks,

Andre Obligado, P.G.
Professional Geologist 2, Division of Environmental Remediation

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-6412 | C: (646) 423-6994 | andre.obligado@dec.ny.gov

---

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Thursday, September 5, 2024 10:55 AM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>
Cc: Fabian Noel <fnoel@moncon.com>; Lshaw@nyenvlaw.com; Simeon E. Maleh AIA, LEED AP (smaleh@gothamorg.com) <smaleh@gothamorg.com>; Jeremy Kyrkostas <jkyrkostas@moncon.com>; Lauren Kott <lkott@langan.com>; Steve Ciambruschini <sciambruschini@Langan.com>; Ron Boyer <rboyer@Langan.com>
Subject: RE: 12096 Flatlands Avenue (BCP Site No. C224290) - Endpoint Sampling Results

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good morning, Steven, Andre, and Jane,

Thank you again for the call yesterday afternoon.

I wanted to follow up with you document a few of the discussion points. Can you kindly confirm if I have presented everything accurately?

- Based on the analytical results of the endpoint samples collected to date, the remedial action for the Site will change from a Track 1 Unrestricted remedy to a Track 2 Restricted Residential remedy.
- The entire site will be cut to a minimum of 15 feet below original ground surface.

- Over-excavation that would otherwise be required to achieve the originally-proposed Track 1 remedial excavation depth presented in the RAWP will not be completed.
- Six hotspots deeper than 15 feet that were identified in the RAWP in an effort to achieve a Track 1 remedy will not require remediation and will not be excavated.
- Endpoint sample collection will be completed at the base of the excavation for foundation construction.
- The FER must include a survey documenting the elevation of the 15-foot remedial excavation.
- The first draft of the FER will include all available endpoint sampling analytical results.
- Backfill below 15 feet must meet the lower of the Restricted Residential Restricted Use SCOs or the PGW SCOs.
- Department review of the environmental easement and IC-only SMP will proceed.

During the call, you mentioned a memo to file regarding the revision to the remedy. Would it be possible for the Volunteer to be copied on that memo for their records?

Thank you,

Amanda

Amanda Forsburg, CHMM
Associate Principal

LANGAN

Direct: 973.560.4574
Mobile: 201.615.9726
File Sharing Link
www.langan.com

NEW JERSEY NEW YORK CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
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ATHENS CALGARY DUBAI LONDON PANAMA

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-----Original Appointment-----
From: Amanda Forsburg
Sent: Tuesday, August 27, 2024 4:45 PM
To: Amanda Forsburg; Wu, Steven (DEC); Obligado, Andre A (DEC); O'Connell, Jane H (DEC); Simeon E. Maleh AIA, LEED AP (smaleh@gothamorg.com); Jeremy Kyrkostas; Lauren Kott
Cc: Fabian Noel
Subject: 12096 Flatlands Avenue (BCP Site No. C224290) - Endpoint Sampling Results
When: Wednesday, September 4, 2024 3:30 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Microsoft Teams Meeting

Microsoft Teams Need help?

Join the meeting now

Meeting ID: 213 665 063 035

Passcode: eLQ7qL

Dial in by phone

+1 848-200-2015,,497091009# United States, Metuchen

Find a local number

Phone conference ID: 497 091 009#

Join on a video conferencing device

Tenant key: teams@langan.com

Video ID: 118 119 287 1

More info

For organizers: Meeting options | Reset dial-in PIN

LANGAN

Org help

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Tuesday, August 27, 2024 4:34 PM
To: Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Amanda Forsburg <aforsburg@Langan.com>
Cc: Simeon E. Maleh AIA, LEED AP (smaleh@gothamorg.com) <smaleh@gothamorg.com>; Jeremy Kyrkostas <jkyrkostas@moncon.com>; Lauren Kott <lkott@langan.com>
Subject: [External] Re: 12096 Flatlands Avenue (BCP Site No. C224290) - Endpoint Sampling Results

Yes please circulate the team invite.

Thank you,
Steven

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Tuesday, August 27, 2024 4:31:33 PM
To: Wu, Steven (DEC) <steven.wu@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>
Cc: Simeon E. Maleh AIA, LEED AP (smaleh@gothamorg.com) <smaleh@gothamorg.com>; Jeremy Kyrkostas <jkyrkostas@moncon.com>; Lauren Kott <lkott@langan.com>
Subject: RE: 12096 Flatlands Avenue (BCP Site No. C224290) - Endpoint Sampling Results

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Steven,

I appreciate you getting back to us. I did see that Jane is out of the office in reply to my email.

Let's book the 9/4 3:30 pm slot.

Please let me know if you would like me to send a Teams invite.

Amanda

Amanda Forsburg, CHMM
Associate Principal

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Direct: 973.560.4574
Mobile: 201.615.9726
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ATHENS CALGARY DUBAI LONDON PANAMA

From: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>
Sent: Tuesday, August 27, 2024 4:02 PM
To: Amanda Forsburg <aforsburg@Langan.com>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>
Cc: Simeon E. Maleh AIA, LEED AP (smaleh@gothamorg.com) <smaleh@gothamorg.com>; Jeremy Kyrkostas <jkyrkostas@moncon.com>
Subject: [External] RE: 12096 Flatlands Avenue (BCP Site No. C224290) - Endpoint Sampling Results

Hello Amanda,

Our availabilities for this week are not good. You would only get a portion of the DEC team, earliest we are all available 8/4, 3:30pm -4pm.
Let me know if this works, and I can set up a meeting.

Thanks,

Steven Wu
(he/him/his)
Project Manager

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101-5407
P: (718) 482-6725 | steven.wul@dec.ny.gov
www.dec.ny.gov |

From: Amanda Forsburg <aforsburg@Langan.com>
Sent: Tuesday, August 27, 2024 2:03 PM
To: Wu, Steven (DEC) <Steven.Wu@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>
Cc: Simeon E. Maleh AIA, LEED AP (smaleh@gothamorg.com) <smaleh@gothamorg.com>; Jeremy Kyrkostas <jkyrkostas@moncon.com>
Subject: 12096 Flatlands Avenue (BCP Site No. C224290) - Endpoint Sampling Results
Importance: High

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good afternoon, Steven & team,

We have started to receive endpoint sample result for this Site in the past week, and we would like to discuss the results and the remediation goals with you as soon as possible.

If you have availability today to discuss, we would greatly appreciate it. Below is a list of our availability today and this week.

Today
- 4:45 – 5:30

Thursday
- 9-12

Friday
- 9-11:30

Thank you very much.

Amanda

Amanda Forsburg, CHMM
Associate Principal

LANGAN

Direct: 973.560.4574
Mobile: 201.615.9726
File Sharing Link

Phone: 973.560.4900 Fax: 973.560.4901
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4th Floor
Parsippany, NJ 07054-2172
www.langan.com

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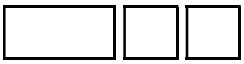
ATHENS CALGARY DUBAI LONDON PANAMA**



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APPENDIX C

Daily Field Reports and Monthly Reports to NYSDEC

Submitted Under Separate Cover

APPENDIX D

Documentation of Agency Approvals

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4997 | F: (718) 482-4975
www.dec.ny.gov

August 6, 2024

David L. Picket
1UV Phase 1 Owner LLC
432 Park Ave S, 2 Fl
New York, NY 10016

Re: NYSDEC Permit # 2-6105-00959/00001, PID 2705
1UV Phase 1A Development
12096 Flatlands Ave
Brooklyn, NY 11207
Temporary Construction Dewatering
ECL Article 15, Title 15 - Long Island Well
NOTICE OF PERMIT ISSUANCE

Dear David Picket,

Enclosed is your Long Island Well permit for the above referenced project. It is effective beginning August 5, 2024, and expires on December 31, 2028.

Please read all permit conditions carefully. All permit documents must be available at the site upon request by Department staff and must be distributed to and understood by personnel responsible for the proper operation of the facility and compliance with the permit requirements. Any violation of these permit conditions constitutes a violation of the Environmental Conservation Law.

Please note that the maximum withdrawal rate authorized by this permit is 3,168,000 gallons per day.

If you have any administrative questions regarding this permit, please contact me via email (Caitlyn.nichols@dec.ny.gov). Technical questions should be directed to Atiqur Rahman in the Division of Water (atiqur.rahman@dec.ny.gov). Please refer to the above referenced number when you are corresponding with this office or when you are applying to renew or modify this permit.

Sincerely,

Caitlyn P. Nichols
Environmental Analyst 3

ecc: NYSDEC DOW
RPA/File

PERMIT
Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:
IUV PHASE 1 OWNER, LLC
432 PARK AVE S FL 2
NEW YORK, NY 10016
(646) 937-1655

Facility:
1UV PHASE 1A DEVELOPMENT
12096 FLATLANDS AVE
BROOKLYN, NY 11207

Facility Location: in KINGS COUNTY **Village:** Brooklyn
Facility Principal Reference Point: NYTM-E: 594.1383239140231 NYTM-N: 4500.72776355182
Latitude: 40°39'07.4" Longitude: 73°53'11.4"
Project Location: 12096 Flatlands Avenue
Authorized Activity: Install and operate a temporary dewatering system with a proposed maximum withdrawal of up to 3,168,000 gallons per day to facilitate the construction of a new multi-story building in the East New York neighborhood of Brooklyn. Pumped groundwater is to be discharged to NYC DEP's 26th Ward WRRF via an existing combined sewer located under Flatlands Avenue between Georgia Avenue and Sheffield Avenue.

Permit Authorizations

Long Island Well Temporary Dewatering - Under Article 15, Title 15
Permit ID 2-6105-00959/00001
New Permit Effective Date: 8/6/2024 Expiration Date: 12/31/2028

NYSDEC Approval

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.

Permit Administrator: STEPHEN A WATTS, Regional Permit Administrator
Address: NYSDEC Region 2 Headquarters
47-40 21st St
Long Island City, NY 11101 -5401

Stephen A Watts III
Digitally signed by Stephen A Watts III
Date: 2024.08.06 12:24:34 -04'00'

Authorized Signature: _____ Date _08_/_06_/_2024_

Permit Components

LONG ISLAND WELL TEMPORARY DEWATERING PERMIT CONDITIONS

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

LONG ISLAND WELL TEMPORARY DEWATERING PERMIT CONDITIONS

1. **Conformance With Plans** All activities authorized by this permit must be in strict conformance with the approved plans submitted by the applicant or applicant's agent as part of the permit application. Such approved plans were prepared by Cichetti Engineering PLLC, and the entities cited in Condition 2.

2. **Conformance with Plans- Addenda** In addition to any plans referenced in the Condition titled, "Conformance with Plans," the activities authorized by this permit must be in strict conformance with the following approved plans and/or submissions made as part of the permit application:

A. Drawing titled, "PE Sealed Plan," undated 3, signed and stamped by Matthew Cichetti, P.E., received by NYSDEC on November 8, 2022.

B. Project plans prepared by Matthew Cichetti, titled "1UV Phase 1A (AKA 12096 Flatlands Ave)," Drawing No. 2, signed and stamped by Matthew Cichetti, dated December 15, 2023, and received by NYSDEC on June 5, 2024.

C. Project plans prepared by Cichetti Engineering PLLC, titled "Dewatering Plan," stamped by Matthew Cichetti, P.E., Drawing No. DEW-100.00, Sheet 1 of 1, dated April 9, 2024, and received by NYSDEC on June 5, 2024.

D. Region 2 Long Island Well Dewatering System Detail Sheet, signed by Matthew Cichetti, P.E., dated June 4, 2024, and received by NYSDEC on June 5, 2024.

E. Revised application package received by NYSDEC on June 5, 2024, and addenda, received by NYSDEC on June 11, 2024, June 18, 2024, and June 19, 2024.

3. **Dewatering Wells, Pumps, Pump Capacities and Maximum Withdrawal** This permit authorizes the following:

- **Dewatering Method** – Deep well system
- **Dewatering Wells –** 34 (8" dia. & 60' deep)
- **Installed Pumps –** 34
- **Pump Capacity –** 7.5 HP
- **Maximum Withdrawal** – 3,168,000 Gallons Per Day (GPD) (total pumping for the project cannot exceed 2,200 Gallons Per Minute (GPM))

Any increase in the number of wells/wellpoints, pumps and/or pump capacity must be authorized, in writing, by the Division of Water. Depending on site conditions, a reduction in the number of wells or pumps does not require authorization. An increase to the maximum withdrawal rate authorized requires a permit modification.

4. **Notice of Intent to Commence Work** At least five (5) days prior to commencement of the permitted activity, Permittee must complete and submit the attached "Notice of Intent to Commence Work" via email to Atiq Rahman, NYSDEC Region 2 Division of Water (Atiqur.Rahman@dec.ny.gov).

5. **Notice of Completion of Work** Within ten (10) days of the completion of work, Permittee must complete and submit the attached "Notice of Completion of Work" form via email to Atiq Rahman, NYSDEC Region 2 Division of Water (Atiqur.Rahman@dec.ny.gov).

6. **Posting of NYSDEC Permit Sign** The attached NYSDEC permit sign shall be posted, protected from the weather, in a conspicuous outdoor location at the project site. This sign is to be posted for the duration of work authorized by this permit.

7. **Daily Pump Log** A daily pump log must be kept at the project site at all times. The pump log must be made available to authorized representatives of the Department during pumping operations.

8. **Installation of Piezometers and Groundwater Elevation Monitoring** Prior to dewatering, Permittee must install a total of 6 off-site piezometers outside the Support of Excavation (SOE) on the west, north, and eastern sides of the Site. The purpose of the piezometers is to measure changes in water table levels outside the SOE. Permittee must conduct groundwater elevation monitoring during system start-up until groundwater elevations have stabilized within the monitoring well network.

9. **Installation of Monitoring Wells** Based on water table elevation determined from piezometers, Permittee must install a total of 6 off-site groundwater monitoring wells outside of the SOE on the west, north and eastern sides of the site. The purpose of the monitoring wells is to determine if dewatering operations are pulling any groundwater contamination towards the Site. The monitoring wells must be installed in accordance with DER Monitoring Well Guidance and sampled on a quarterly basis for Target Compound List VOCs via USEPA Method 8260, USEPA SVOCS Method 8270, 1, 4-dioxane via EPA method 8270 SIM, and USEPA PFAS Method 537.1.

The Permittee must submit a copy of the analytical results once received to:

- Andre Obligado, NYSDEC Division of Environmental Remediation (andre.obligado@dec.ny.gov)
- Steven Wu, NYSDEC Division of Environmental Remediation (steven.wu@dec.ny.gov)

10. **Handling of Contaminated Groundwater** The permittee is fully responsible for proper handling and all costs associated with the proper sampling, treatment and disposal of any contaminated groundwater.

11. **Well Driller Registration** The dewatering operation shall be performed by Well Drillers duly registered in accordance with Section 15-1525 of the Environmental Conservation Law of the State of New York.

GENERAL CONDITIONS - Apply to ALL Authorized Permits:

1. Facility Inspection by The Department The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71- 0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

2. Relationship of this Permit to Other Department Orders and Determinations Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

3. Applications For Permit Renewals, Modifications or Transfers The permittee must submit a separate written application to the Department for permit renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing. Submission of applications for permit renewal, modification or transfer are to be submitted to:

Regional Permit Administrator
NYSDEC Region 2 Headquarters
47-40 21st St
Long Island City, NY11101 -5401

4. Submission of Renewal Application The permittee must submit a renewal application at least 180 days before permit expiration for the following permit authorizations: Long Island Well Temporary Dewatering.

5. **Permit Modifications, Suspensions and Revocations by the Department** The Department reserves the right to exercise all available authority to modify, suspend or revoke this permit. The grounds for modification, suspension or revocation include:

a. materially false or inaccurate statements in the permit application or supporting papers;

b. failure by the permittee to comply with any terms or conditions of the permit;

c. exceeding the scope of the project as described in the permit application;

d. newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;

e. noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

6. **Permit Transfer** Permits are transferrable unless specifically prohibited by statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification
The permittee, excepting state or federal agencies, expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under Article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit
The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits
The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

95-20-1 (8/87)—9d

New York State
Department of Environmental Conservation

NOTICE

The Department of Environmental Conservation (DEC) has issued permit(s) pursuant to the Environmental Conservation Law for work being conducted at this site. For further information regarding the nature and extent of work approved and any Departmental conditions on it, contact the Regional Permit Administrator listed below. Please refer to the permit number shown when contacting the DEC.

Regional Permit Administrator

Permit Number 2-6105-00959/00001

Expiration Date 12/31/2028

NOTE: This notice is **NOT** a permit

Stephen A Watts III
47-40 21st Street
LIC, NY 11101
(718) 482-4997

NOTICE OF INTENT TO COMMENCE WORK

Date: _____

Division of Water
Attn. Atiq Rahman
NYSDEC Region 2 Office
47-40 21st Street
Long Island City, N.Y. 11101
Atiqur.rahman@dec.ny.gov

Re: NYSDEC Permit # 2-6105-00959/00001, PID 2705
TEMPORARY CONSTRUCTION DEWATERING
1UV Phase 1A Development
12096 Flatlands Ave
Brooklyn, NY 11207

Dear Mr. Rahman:

In accordance with Long Island Well Condition 4 of the referenced permit, I hereby serve notice to commence work on _____, 20____.

This is also to certify that, having read this entire permit, I am fully aware of and understand the general and Long Island Well conditions therein, and agree to comply with all such conditions. Further, I understand that prior to undertaking any modification to the permitted work, I must seek and receive written approval of the NYSDEC Regional Permit Administrator.

_____
Signature of Permittee

_____
Name of Permittee (please print)

_____
Signature of Contractor

_____
Name of Contractor (please print)

_____
Street Address of Contractor

_____
City, State, & Zip Code of Contractor

_____
Telephone Number of Contractor

WARNING

The permittee and their contractor (if any) are required to follow all permit conditions. Violations of the permit may lead to legal action, including the imposition of substantial monetary fines and corrective work.

NOTICE OF COMPLETION OF WORK

Date: _____

Division of Water
Attn. Atiq Rahman
NYSDEC Region 2 Office
47-40 21st Street
Long Island City, N.Y. 11101
Atiqur.rahman@dec.ny.gov

Re: NYSDEC Permit # 2-6105-00959/00001, PID 2705
TEMPORARY CONSTRUCTION DEWATERING
1UV Phase 1A Development
12096 Flatlands Ave
Brooklyn, NY 11207

Dear Mr. Rahman:

In accordance with Long Island Well Condition 5 of the referenced permit, I hereby serve notice that the work allowed by the above referenced permit has been completed as of _____, 20____, consistent with the requirements of the above referenced permit.

_____
Signature of Permittee

_____
Name of Permittee (please print)

_____
Signature of Contractor

_____
Name of Contractor (please print)

_____
Street Address of Contractor

_____
City, State, & Zip Code of Contractor

_____
Telephone Number of Contractor

NYC Environmental Protection

PERMIT

Permit Type:	DEWATERING PERMIT	**Permit No:**	C003137894
Customer's Name:	Cichetti Engineering PLLC	**Phone Number:**	845-598-5018
Customer's Service Address:		**Account Number:**	9002001955001
Customer's Mailing Address:	PO Box 196 Germantown, NY 12526-0196		
Issued By:	LJ	**Issue Date:**	07/23/2024
Permitted Activity:	86,400,000 gallons of discharge (05/02/2024 thru 02/28/2025) @ $7.13 per hundred cubic feet - $823,572.19 Permit Fee	**Expiration Date:**	02/28/2025
		Fee:	$823,572.19
Permittee:	Cichetti Engineering PLLC		
Dewatering Location:	C-8187, 30 Inspiration Lane aka 12096 Flatland Ave, Brooklyn, NY 11239		
BBL:			

Additional Requirements:

1. If the approval is revoked, the permit is no longer valid.

PERMIT ISSUED BY
THE CITY OF NEW YORK
BROOKLYN DEP/BCS

RECEIVED - BCS
BROOKLYN DEP/BCS
2024 JUL 23 A 11:37

DocuSign Envelope ID: 34C4D633-E45F-46EB-A67F-A3CD2E10AB3C

Environmental Protection

Rohit T. Aggarwala
Commissioner

Angela M. De Lillo, P.E.
Deputy Commissioner
Bureau of Wastewater Treatment

96-05 Horace Harding Expressway – 2nd Floor
Corona, NY 11368

February 29, 2024

Monadnock General Contracting, Inc.
155 3rd Street
Brooklyn, NY 11231
Attn: Alphonse Lembo

Re: Groundwater Discharge, 1UV Phase 1A, 12096 Flatlands Avenue, Brooklyn, Letter of Approval No. 24-C-8187-1

Dear Alphonse Lembo:

This is in response to the December 28, 2023 and January 30 and February 5, 15, and 17, 2024 submissions requesting permission to discharge up to **4,320,000 gallons per day (gpd)** of groundwater generated during the construction of a new multi-story building located at 12096 Flatlands Avenue, Brooklyn, NY 11236 (New York State Department of Environmental Conservation Brownfield Cleanup Program Site Code C224290). The groundwater will be treated through three 18,000 gallon settling tanks, per provided schematic and information, before discharging to a new proposed underground pipe. The pipe leads to the existing 96" x 96" combined sewer located under Flatlands Avenue between Georgia and Sheffield Avenues in Brooklyn, NY.

Based upon the information, schematic and analytical data submitted, the property owner Christian Cultural Center Inc. and agents of the property owner who are authorized to act on the property owner's behalf in this matter (hereinafter referred to as "the owner and its authorized agents") are hereby conditionally authorized, to discharge up to 4,320,000 gpd of the groundwater, treated through the above system, per provided schematic and information, as specified in your submissions, **for a period of one year**, to the combined sewer at the above mentioned location. **This Letter of Approval shall expire at midnight on February 28, 2025.**

The owner and its authorized agents are prohibited from discharging any groundwater during wet weather events.

This conditional approval, however, is subject to your obtaining a groundwater discharge Approval, specifying allowable flow rates, from the Chief of Permitting and Compliance, Bureau of Water and Sewer Operations. The owner and its authorized agents are required to follow manufacturer specifications for the operation and maintenance of the selected equipment. **This Letter of Approval is contingent upon compliance on the part of the owner and its authorized agents with any federal, state, or local requirements applicable to the permitted activity.**

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Under no circumstances shall muddy water be discharged into the public sewer.

Payment shall be made to and permit obtained from the Bureau of Customer Service for groundwater discharge into the New York City Wastewater System in accordance with the Water and Wastewater Rate Schedule established by the New York City Water Board.

The owner or its authorized agents must install a flow meter to measure the flow of groundwater to the combined sewer.

The owner or its authorized agents must maintain a logbook of the groundwater discharge flow meter for each day of discharge. The logbook must include at a minimum: the date, time, flow meter reading (units in either cubic feet or gallons), difference from previous day's reading (units in either cubic feet or gallons), and employee's signature or initials. The logbook must be available to DEP personnel for review upon request.

The owner or its authorized agents must notify this section in writing prior to the commencement of discharge. Please refer to file No. C-8187 in any correspondence to this office.

The owner or its authorized agents must collect samples of the groundwater after the pretreatment system *in each quarter of the calendar year.* **The samples must be analyzed for the parameter(s) included in the attached chart by a New York State Department of Health certified laboratory. The results must be submitted to this office within 21 days after each sampling date. If the sampling results, or any other sampling results, exceed the DEP limits, the discharge must cease and the Bureau of Wastewater Treatment must be notified immediately by phone at (718) 595-4715 and by email at shulbert@dep.nyc.gov.**

The owner and its authorized agents are prohibited from discharging any groundwater that exceeds the attached discharge limit(s), as well as those contained in Title 15 Rules of the City of New York Chapter 19.

This Letter of Approval is an Order of the Commissioner of the Department of Environmental Protection, and applies to the owner and its authorized agents. Please be advised that failure to comply with this Letter of Approval by the owner and its authorized agents may result in the issuance of summonses to either the owner or its authorized agents, or both (returnable to the New York City Office of Administrative Trials and Hearings) and/or revocation of the Letter of Approval. Summonses carry penalties of up to $10,000 a day, per violation.

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If you have any questions concerning this matter, please contact me at (718) 595-4715 or shulbert@dep.nyc.gov.

Sincerely,

Sean Hulbert

Sean H. Hulbert, P.E., Acting Chief, Industrial Resource Management and Permitting Section

enc: Sampling Requirements and Limitations

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SAMPLING REQUIREMENTS AND LIMITATIONS

Parameter[1]	**Daily Limit**	**Units**	**Sample Type**	**Monthly Limit**
Non-polar material[2]	50	mg/l	Instantaneous	---
pH	5-12	SU's	Instantaneous	---
Temperature	< 150	Degree F	Instantaneous	---
Flash Point	> 140	Degree F	Instantaneous	---
Cadmium	2 0.69	mg/l mg/l	Instantaneous Composite	--- ---
Chromium (VI)	5	mg/l	Instantaneous	---
Copper	5	mg/l	Instantaneous	---
Lead	2	mg/l	Instantaneous	---
Mercury	0.05	mg/l	Instantaneous	---
Nickel	3	mg/l	Instantaneous	---
Zinc	5	mg/l	Instantaneous	---
Benzene	134	ppb	Instantaneous	57
Carbontetrachloride	---	---	Composite	---
Chloroform	---	---	Composite	---
1,4 Dichlorobenzene	---	---	Composite	---
Ethylbenzene	380	ppb	Instantaneous	142
MTBE (Methyl-Tert-Butyl-Ether)	50	ppb	Instantaneous	---
Naphthalene	47	ppb	Composite	19
Phenol	---	---	Composite	---
Tetrachloroethylene (Perc)	20	ppb	Instantaneous	---
Toluene	74	ppb	Instantaneous	28
1,2,4 Trichlorobenzene	---	---	Composite	---
1,1,1 Trichloroethane	---	---	Composite	---
Xylenes (Total)	74	ppb	Instantaneous	28
PCB's (Total)[3]	1	ppb	Composite	---
Total Suspended Solids (TSS)	350	mg/l	Instantaneous	---
CBOD	---	---	Composite	---
Chloride	---	---	Instantaneous	---
Total Nitrogen[4]	---	---	Composite	---
Total Solids	---	---	Instantaneous	---
Other				

1 All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 C.F.R. pt. 136. If 40 C.F.R. pt. 136 does not cover the pollutant in question, the handling, preservation, and analysis must be performed in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater." All analyses shall be performed using a detection level less than the lowest applicable regulatory discharge limit. If a parameter does not have a limit, then the detection level is defined as the method detection limit (MDL) and limit of quantitation (LOQ) required by the analytical method that is used to analyze the parameter. If the method does not contain an MDL or LOQ, the lab must use an approved method that does contain an MDL or LOQ. If none of the approved methods contain an MDL or LOQ for that parameter then the lab must develop its own LOQ, and report it with the analytical results.

2 Non-Polar Material shall mean that portion of the oil and grease that is not eliminated from a solution containing N–Hexane, or any other extraction solvent the EPA shall prescribe, by silica gel absorption.

3 Analysis for PCB's must be done by EPA method 608 with MDL=<65 ppt. PCB's (total) is the sum of PCB-1242 (Aroclor 1242), PCB-1254 (Aroclor 1254), PCB-1221 (Aroclor 1221), PCB-1232 (Aroclor 1232), PCB-1248 (Aroclor 1248), PCB-1260 (Aroclor 1260) and PCB-1016 (Aroclor 1016).

4 Total Nitrogen = Total Kjeldahl Nitrogen (TKN) + Nitrite (NO_2) + Nitrate (NO_3).

THE CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Environmental Planning & Analysis
59-17 Junction Blvd. 9th Floor, Flushing, NY 11373
Stormwaterpermits@dep.nyc.gov

Rohit T. Aggarwala
Commissioner

Pinar Balci
Assistant Commissioner
Environmental Planning & Analysis

STORMWATER CONSTRUCTION PERMIT

Issued: 5/1/2024
Expiration: 5/1/2026
Application ID: S301823
Request ID: CP-0000288

PROJECT NAME: INNOVATIVE URBAN VILLAGE - PHASE 1A

SITE ADDRESS: 12096 Flatlands Avenue New York Brooklyn New York 11239

Developer : David Picket
IUV Phase 1 Owner, LLC
432 Park Avenue South 2nd Floor
New York, New York 10016

Contractor : Jeremy Kyrkostas
Monadnock Construction, Inc.
300 Huntington Street
Brooklyn, New York 11231

The holder of this permit must comply with the Rules of the City of New York, Title 15, Section 19.1-03.3. Failure to comply with the permit conditions may result in penalties. Discharges of soil or other objectionable materials to the roads, drains or waterways is a violation of this permit and should be reported via 311. Temporary shutdown of the construction site must be reported to the Department at least 7- days prior.

***DISPLAY PERMIT ON CONSTRUCTION SITE**

Margaret O'Connor,P.E.
Director of MS4 Construction Permitting

THE CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Environmental Planning and Analysis
59-17 Junction Blvd., 9th Floor; Flushing, NY 11373

SWPPP Acceptance/Approval

Application Number: S301823

I. Project Owner/Operator Information

1. Owner/Operator Name: *IUV Phase 1A Housing Development Fund Corporation*
2. Contact Person: *A.R. Bernard*
3. Street Address: *12020 Flatlands Avenue*
4. City/State/Zip: *Brooklyn New York 11207*

II. Project Site Information

5. Project/Site Name: *Innovative Urban Village - Phase 1A*
6. Street Address: *12096 Flatlands Avenue*
7. City/State/Zip: *New York New York 11239*

III. Stormwater Pollution Prevention Plan (SWPPP) Review and Acceptance/Approval

8. SWPPP Reviewed by: *Christine Ng*
9. Title/Position: */ Inspector*
10. Date Final SWPPP Reviewed and Accepted: *4/24/2024*
11. Acceptance/Approval Expiration Date: 12/12/2025

IV. Regulated MS4 Information for projects that require coverage under the NY State Pollution Discharge Elimination System General Permit for Stormwater Discharges from Construction Activity

12. Name of MS4: *CITY OF NEW YORK*
13. MS4 SPDES Permit Identification Number: *NY-0287890*
14. Contact Person: *Margaret O'Connor*
15. Street Address: *59-17 Junction Blvd. 9th Floor*
16. City/State/Zip: *Flushing, NY 11373*
17. Telephone Number: *(718) 595-3855*

Projects in the MS4 area must submit a copy of this SWPPP Acceptance with a Notice of Intent for coverage under the NY SPDES General Permit for Stormwater Discharges from Construction Activity to: NYS Department of Environmental Conservation, Division of Water; 625 Broadway, 4th Floor; Albany, New York 12233-3505.

V. Certification Statement - MS4 Official (principal executive officer or ranking elected official) or Duly Authorized Representative

I hereby certify that the final Stormwater Pollution Prevention Plan (SWPPP) for the construction project identified in question 5 has been reviewed and meets the substantive requirements in the SPDES General Permit For Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s).

Note: The MS4, through the acceptance of the SWPPP, assumes no responsibility for the accuracy and adequacy of the design included in the SWPPP. In addition, review and acceptance of the SWPPP by the MS4 does not relieve the owner/operator or their SWPPP preparer of responsibility or liability for errors or omissions in the plan.

Printed Name: *Margaret O'Connor*

Title/Position: *Director of MS4 Construction Permitting*

Signature:

Date: *4/24/2024*

Projects in the MS4 area must submit a copy of this SWPPP Acceptance with a Notice of Intent for coverage under the NY SPDES General Permit for Stormwater Discharges from Construction Activity to: NYS Department of Environmental Conservation, Division of Water; 625 Broadway, 4th Floor; Albany, New York 12233-3505.

VI. Conditions of Acceptance/Approval and Additional Information

The amended approval is to change the owner and developer listed in the application.

The Developer's Certification in the SWPPP is signed by the previous Developer, Simeon Maleh, Ensure that Developer's Certification is signed by the current developer, David Picket, and is present in the site log book.

All other conditions and notations remain the same.

The Permit Initiation must be completed and a New Construction Permit Pulled

This project is in the combined sewer service area, do not file for coverage with New York State Department of Environmental Conservation.

This project requires a Certified Site Connection Proposal prior to issuance of the Stormwater Construction Permit. A copy of the Certified site connection proposal must be uploaded by the owner or developer with the permit initiation. The Certified Site connection will be checked for consistency with the approved plan, any changers must be filed as an amendment in the SWPTS.

A copy of the recorded Stormwater Maintenance Easement including the signed and sealed Recording and Endorsement Cover Page, must be uploaded by the owner or developer with the Permit Initiation form.

Dewatering Plan/Permit by Contractor prior to construction permit being issued.
Signed and Sealed Remedial Action Work Plan (RAWP) must be uploaded at Permit Initiation.

Projects in the MS4 area must submit a copy of this SWPPP Acceptance with a Notice of Intent for coverage under the NY SPDES General Permit for Stormwater Discharges from Construction Activity to: NYS Department of Environmental Conservation, Division of Water; 625 Broadway, 4th Floor; Albany, New York 12233-3505.

THE CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Environmental Planning & Analysis
59-17 Junction Blvd. 9th Floor, Flushing, NY 11373
Stormwaterpermits@dep.nyc.gov

Rohit T. Aggarwala
Commissioner

Pinar Balci
Assistant Commissioner
Environmental Planning & Analysis

STORMWATER CONSTRUCTION PERMIT

Issued: 3/27/2024
Expiration: 3/27/2026
Application ID: S301823
Request ID: CP-0000271

PROJECT NAME: CHRISTIAN CULTURAL CENTER - GOTHAM

SITE ADDRESS: 12096 Flatlands Avenue New York Brooklyn New York 11239

Developer : Simeon Maleh
Gotham Organization
432 Park Avenue South, 2nd Floor
New York, New York 11211

Contractor : Jeremy Kyrkostas
Monadnock Construction, Inc.
300 Huntington Street
Brooklyn, New York 11231

The holder of this permit must comply with the Rules of the City of New York, Title 15, Section 19.1-03.3. Failure to comply with the permit conditions may result in penalties. Discharges of soil or other objectionable materials to the roads, drains or waterways is a violation of this permit and should be reported via 311. Temporary shutdown of the construction site must be reported to the Department at least 7- days prior.

***DISPLAY PERMIT ON CONSTRUCTION SITE**

Margaret O'Connor,P.E.
Director of MS4 Construction Permitting

APPENDIX E

Community Air Monitoring Plan (CAMP) Results

Submitted Under Separate Cover

LANGAN

APPENDIX F

Remedial Action Photograph Log

LANGAN

Appendix F
Photographic Log
12096 Flatlands Avenue Site
Brooklyn, New York

Photo 1: United excavating material in the northern portion of the Site, facing northwest. 18 April 2024.

Photo 2: United excavating material in the northern portion of the Site, facing north. 18 April 2024.

Photo 3: United excavating material in the northern portion of the Site, facing north. 18 April 2024.

Photo 4: United excavating material in the northern portion of the Site, facing northeast. 18 April 2024.

Photo 5: Truck wash station in the eastern portion of the Site at the Pennsylvania Avenue exit, facing southeast. 19 April 2024

Photo 6: Excavated material in the northern portion of the Site, facing northeast. 19 April 2024

Photo 7: United excavating material within the northeastern portion of the Site, facing south. 19 April 2024

Photo 8: United excavating material from the northwestern portion of the Site, facing north. 24 April 2024.

Photo 9: United excavating in the southern portion of the Site, facing west. 5 June 2024.

Photo 10: United loading material from ST-11 for off-Site disposal to Clean Earth Philadelphia, facing north. 14 May 2024.

Photo 11: United excavating in the northern portion of the Site, facing south. 17 May 2024.

Photo 12: United excavating in the southern portion of the Site, facing south. 3 June 2024.

Photo 13: United excavating in the western portion of the Site, facing south. 10 June 2024.

Photo 14: UST-1 encountered in the northern portion of the Site, facing southeast. 19 April 2024.

Photo 15: UST-2 encountered in the northern portion of the Site. 23 April 2024.

Photo 16: Sludge observed near UST-3 encountered beneath the former sidewalk along the southeastern portion of the Site. 23 April 2024.

Photo 17: UST-3 encountered beneath the former sidewalk along the southeastern portion of the Site, facing east. 23 April 2024.

Photo 18: Brookside removing oil/water mixture from UST-2, facing east. 24 April 2024.

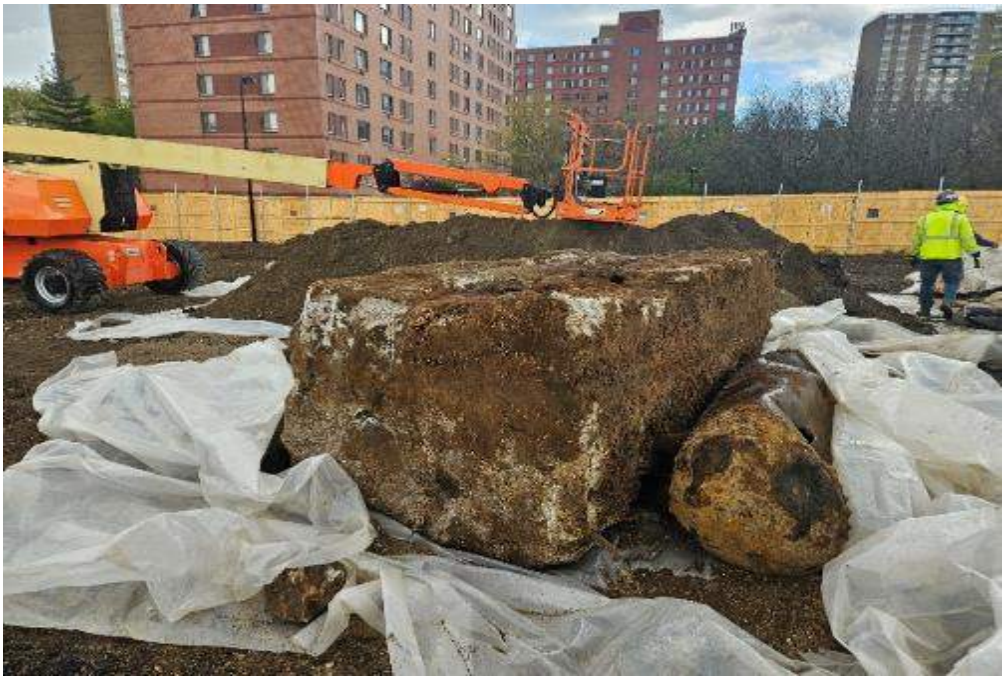

Photo 19: UST-1, UST-2 and UST-3 placed on polyethylene sheeting within the southern portion of the Site, facing south. 24 April 2024.

Photo 20: Brookside cleaning UST-1, facing southwest. 29 April 2024.

Photo 21: UST-4 through UST-11 encountered in in the northeastern portion of the Site, facing east. 8 May 2024.

Photo 22: Brookside using a vacuum truck to remove oil/water mixture from UST-10, facing south. 9 May 2024.

Photo 23: United excavating in the northeastern portion of the Site near UST-4 through UST-11, facing south. 9 May 2024.

Photo 24: United removing UST-4 through UST-11 for future cleaning, facing southeast. 10 May 2024.

Photo 25: View of UST-4 through UST-11 and the surrounding soil stockpiled on and covered with polyethylene sheeting, facing east. 10 May 2024.

Photo 26: Brookside cleaning UST-4 through UST-11, facing northwest. 13 May 2024.

Photo 27: Brookside cleaning UST-4 through UST-11, facing north. 13 May 2024.

Photo 28: Brookside cleaning USTs, facing north. 13 May 2024.

Photo 29: Brookside cleaning USTs, facing northwest. 13 May 2024.

Photo 30: United installing soil mix wall along the northeastern boundary of the Site, facing northwest. 25 April 2024.

Photo 31: United installing soil mix wall along the eastern boundary of the Site. 25 April 2024.

Photo 32: United installing the soil mix wall in the northern boundary of the Site, facing east. 6 May 2024.

Photo 33: United pouring concrete over the completed soil mix wall, facing southwest. 20 May 2024.

Photo 34: United installing sheet piles along the southern boundary of the Site, facing southwest. 6 May 2024.

Photo 35: Sheet pile installation, facing southeast. 10 May 2024.

Photo 36: United driving sheet piles in the western portion of the Site, facing south. 13 May 2024.

Photo 37: United installing sheet piles in the northeastern portion of the Site, facing east. 22 May 2024.

Photo 38: United installing walers in the southeastern portion of the Site, facing southeast. 12 July 2024.

Photo 39: United installing walers in the northeastern portion of the Site, facing east. 8 August 2024.

Photo 40: United placing imported 1.5-inch stone in the eastern portion of the Site, facing east. 14 May 2024.

Photo 41: Morris-Shea installing test piles in the northern portion of the Site, facing northeast. 11 June 2024.

Photo 42: Morris-Shea setting up for pile installation in the northern portion of the Site, facing east. 19 June 2024.

Photo 43: Morris-Shea installing deep foundation piles in the northeastern portion of the Site, facing west. 11 July 2024.

Photo 44: Morris-Shea installing deep foundation piles in the central portion of the Site, facing north. 22 July 2024.

Photo 45: Morris-Shea drilling deep foundation piles in the eastern portion of the site, facing northeast. 26 July 2024.

Photo 46: United excavating to facilitate the cutting of test piles in the eastern portion of the Site, facing northeast. 7 August 2024.

Photo 47: Morris-Shea installing deep foundation piles in the southern portion of the Site, facing west. 8 August 2024.

Photo 48: Morris-Shea installing deep foundation piles in the southern portion of the Site, facing east. 22 August 2024.

Photo 49: ADG installing a dewatering well in the northern portion of the Site, facing northeast. 20 June 2024.

Photo 50: ADG installing a dewatering well in the southern portion of the Site, facing north. 17 July 2024.

Photo 51: Dewatering PVC header pipes connected to the previously installed combined sewer connection, facing west. 26 July 2024.

Photo 52: Network of PVC piping across the northern portion of the Site for the dewatering system, facing south. 14 August 2024

Photo 53: ADG installing submersible pumps, facing north. 4 September 2024.

Photo 54: United excavating in the northwestern portion of the Site, facing southwest. 30 July 2024

Photo 55: United excavating in the northeastern portion of the Site, facing south. 13 August 2024.

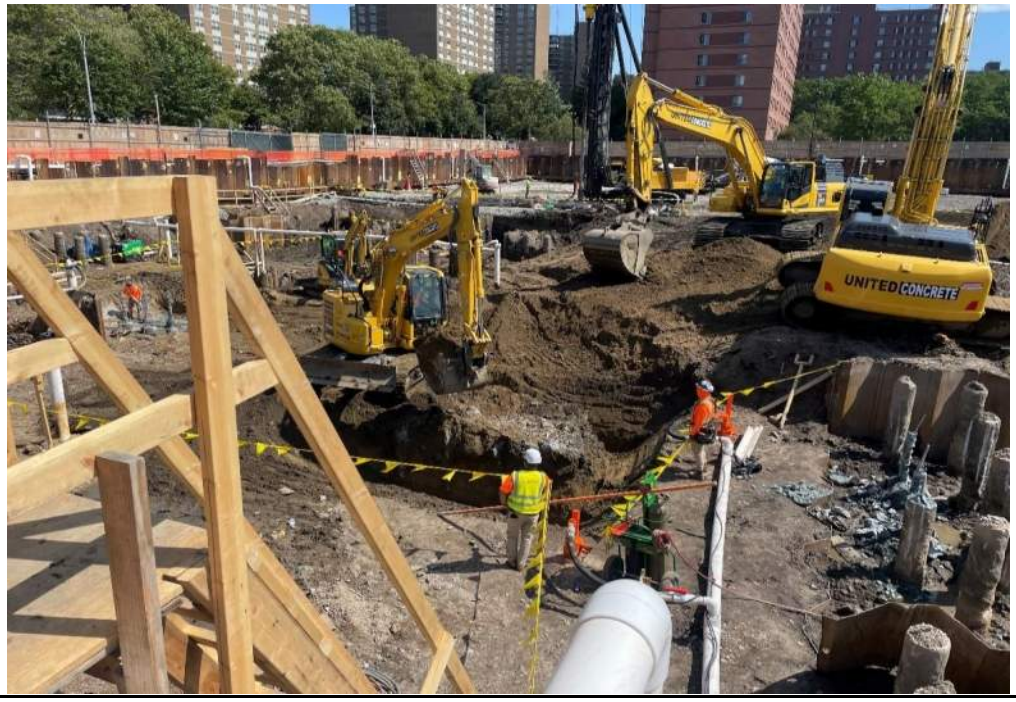

Photo 56: United excavating in the northeastern portion of the Site, facing south. 20 August 2024.

Photo 57: United excavating in the southwestern portion of the Site, facing north. 5 September 2024.

Photo 58: United excavating in the eastern portion of the Site, facing south. 12 September 2024.

Photo 59: United excavating in the western portion of the Site, facing south. 14 September 2024

Photo 60: United excavating in the eastern portion of the Site, facing north. 2 October 2024.

Photo 61: United excavating around pile caps in the eastern portion of the Site, facing south. 11 October 2024.

Photo 62: United excavating in the southeastern portion of the Site, facing northwest. 11 November 2024.

Photo 63: United excavating in the southern portion of the Site, facing northwest. 18 November 2024.

Photo 64: United installing Preprufe waterproofing / vapor barrier in the northern portion of the Site, facing north. 6 September 2024.

Photo 65: United installing Preprufe waterproofing / vapor barrier in the northeastern portion of the Site, facing northeast. 18 September 2024.

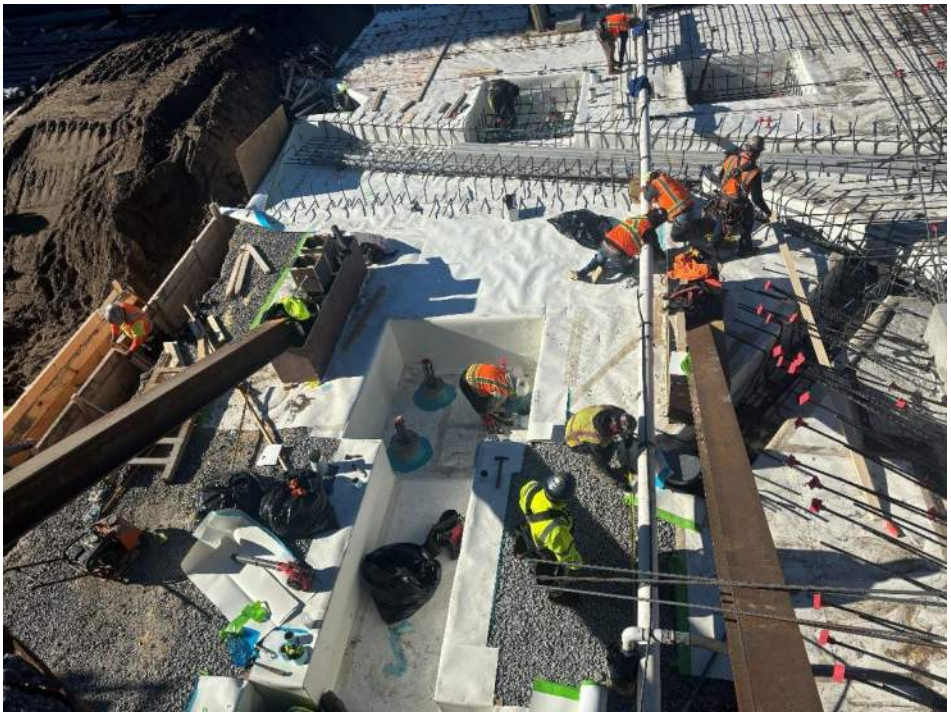

Photo 66: United installing Preprufe waterproofing / vapor barrier in the central portion of the Site, facing northeast. 25 October 2024.

Photo 67: United installing waterproofing / vapor barrier in the southwestern portion of the Site, facing southwest. 12 November 2024.

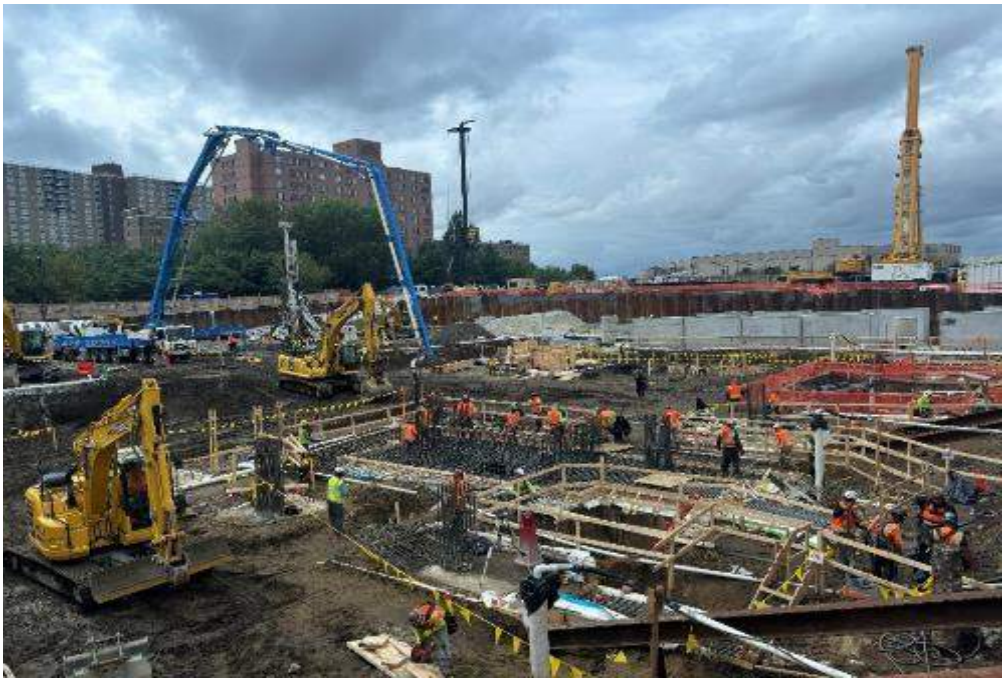

Photo 68: United pouring concrete in the northeastern portion of the Site, facing southwest. 30 August 2024

Photo 69: United pouring concrete in the north central portion of the Site, facing southwest. 30 August 2024

Photo 70: United pouring concrete in the central portion of the Site, facing west. 18 October 2024.

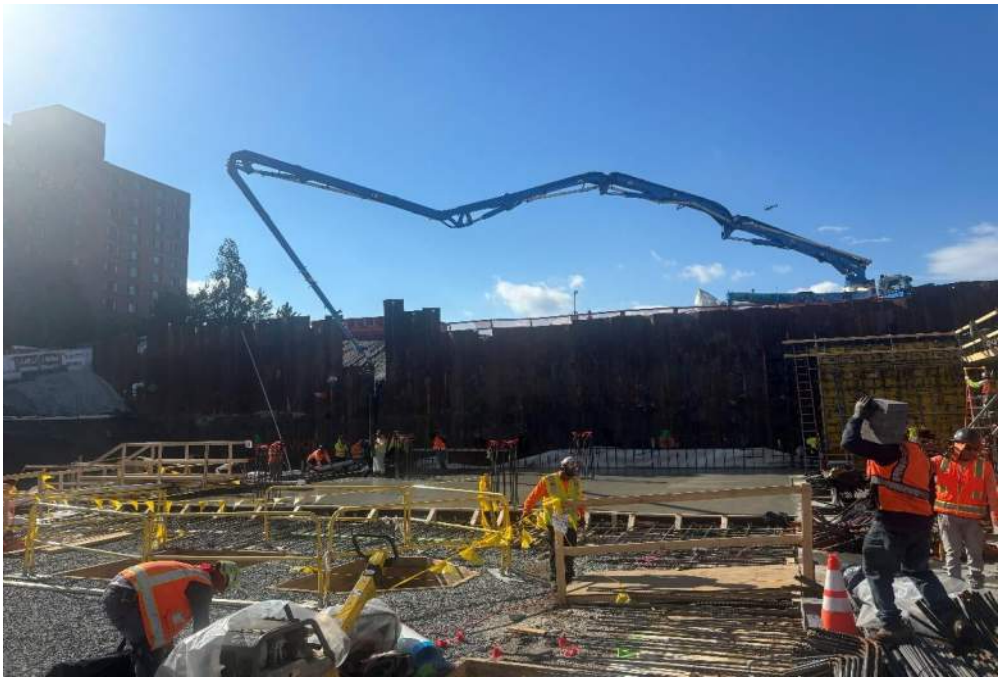

Photo 71: United pouring concrete in the southwestern portion of the Site, facing west. 18 October 2024.

Photo 72: United backfilling in the northwestern portion of the Site, facing east. 10 September 2024.

Photo 73: United importing DGA for use as the construction ramp in the southwestern portion of the Site, facing west. 25 October 2024.

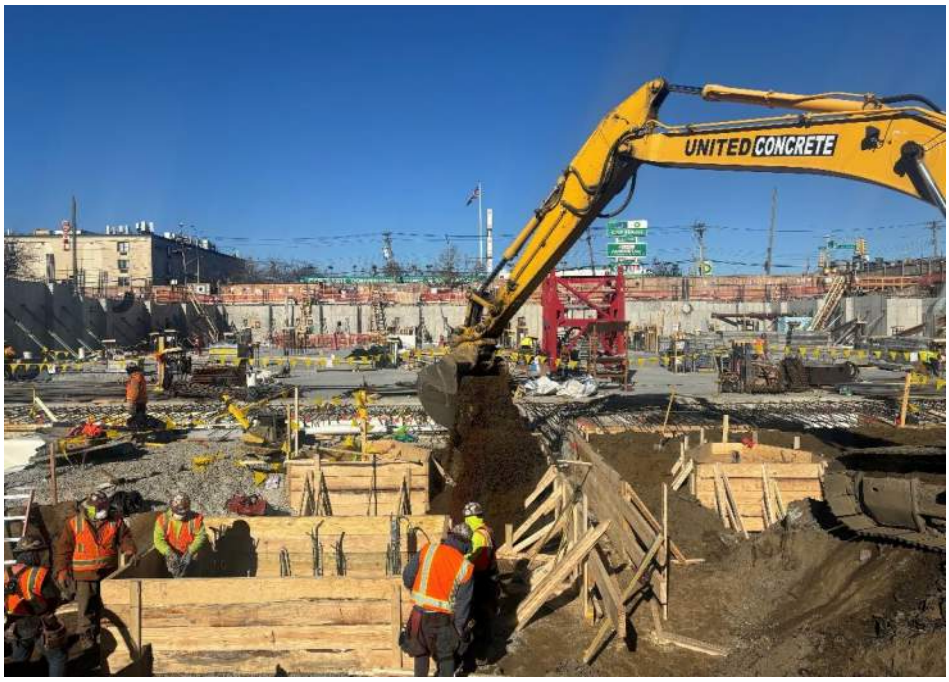

Photo 74: United backfilling with imported clean fill in the central portion of the Site, facing north. 13 November 2024.

Photo 75: United backfilling the slab with 0.75-inch stone in the eastern portion of the Site, facing northwest. 18 November 2024.

APPENDIX G

Waste Characterization Laboratory Analytical Reports

Submitted Under Separate Cover

LANGAN

APPENDIX H

Pre-Design Investigation Laboratory Analytical Reports

LANGAN

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 02/26/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B0968

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 02/26/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B0968

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 16, 2024 and listed below. The project was identified as your project: **100688802**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24B0968-01	LSB19_3_21-23	Soil	02/16/2024	02/16/2024
24B0968-04	LSB19_3_E7.5_18-20	Soil	02/16/2024	02/16/2024
24B0968-12	LSB19_3_W7.5_18-20	Soil	02/16/2024	02/16/2024

General Notes for York Project (SDG) No.: 24B0968

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

Approved By **Date:** 02/26/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: LSB19_3_21-23 **York Sample ID:** 24B0968-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B0968	100688802	Soil	February 16, 2024 9:30 am	02/16/2024

PCB, 8082 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0209	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0209	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0209	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0209	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0209	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0209	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:38	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.0 %*	*30-120*

Barium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**21.1**		mg/kg dry	2.19	1	EPA 6010D	02/22/2024 14:10	02/26/2024 15:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Cadmium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.263	1	EPA 6010D	02/22/2024 14:10	02/26/2024 15:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**9.35**		mg/kg dry	1.75	1	EPA 6010D	02/22/2024 14:10	02/26/2024 15:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

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

Sample Information

Client Sample ID: LSB19_3_21-23 **York Sample ID:** 24B0968-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B0968	100688802	Soil	February 16, 2024 9:30 am	02/16/2024

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**5.13**		mg/kg dry	0.438	1	EPA 6010D	02/22/2024 14:10	02/26/2024 15:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**16.9**		mg/kg dry	2.18	1	EPA 6010D	02/22/2024 14:10	02/26/2024 15:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0378	1	EPA 7473	02/23/2024 09:18	02/23/2024 15:04	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.3**		%	0.100	1	SM 2540G	02/22/2024 16:05	02/22/2024 22:06	LRS
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB19_3_E7.5_18-20 **York Sample ID:** 24B0968-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B0968	100688802	Soil	February 16, 2024 10:15 am	02/16/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A	02/20/2024 13:17	02/20/2024 20:54	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.5 %*	*30-120*

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**10.4**		mg/kg dry	2.07	1	EPA 6010D	02/22/2024 14:10	02/26/2024 15:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Cadmium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.249	1	EPA 6010D	02/22/2024 14:10	02/26/2024 15:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**4.80**		mg/kg dry	1.66	1	EPA 6010D	02/22/2024 14:10	02/26/2024 15:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: LSB19_3_E7.5_18-20 **York Sample ID:** 24B0968-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B0968	100688802	Soil	February 16, 2024 10:15 am	02/16/2024

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**11.2**		mg/kg dry	0.415	1	EPA 6010D	02/22/2024 14:10	02/26/2024 15:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**14.6**		mg/kg dry	2.06	1	EPA 6010D	02/22/2024 14:10	02/26/2024 15:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0358	1	EPA 7473	02/23/2024 09:18	02/23/2024 15:04	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.8**		%	0.100	1	SM 2540G	02/22/2024 16:05	02/22/2024 22:06	LRS
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB19_3_W7.5_18-20 **York Sample ID:** 24B0968-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B0968	100688802	Soil	February 16, 2024 11:30 am	02/16/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0227	1	EPA 8082A	02/20/2024 13:17	02/20/2024 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0227	1	EPA 8082A	02/20/2024 13:17	02/20/2024 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0227	1	EPA 8082A	02/20/2024 13:17	02/20/2024 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0227	1	EPA 8082A	02/20/2024 13:17	02/20/2024 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0227	1	EPA 8082A	02/20/2024 13:17	02/20/2024 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0227	1	EPA 8082A	02/20/2024 13:17	02/20/2024 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0227	1	EPA 8082A	02/20/2024 13:17	02/20/2024 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0227	1	EPA 8082A	02/20/2024 13:17	02/20/2024 21:11	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-120*

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**297**		mg/kg dry	2.36	1	EPA 6010D	02/23/2024 13:06	02/26/2024 13:29	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Cadmium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.284	1	EPA 6010D	02/23/2024 13:06	02/26/2024 13:29	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**48.2**		mg/kg dry	1.90	1	EPA 6010D	02/23/2024 13:06	02/26/2024 13:29	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: LSB19_3_W7.5_18-20 **York Sample ID:** 24B0968-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B0968	100688802	Soil	February 16, 2024 11:30 am	02/16/2024

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**302**		mg/kg dry	0.474	1	EPA 6010D	02/23/2024 13:06	02/26/2024 13:29	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**291**		mg/kg dry	2.36	1	EPA 6010D	02/23/2024 13:06	02/26/2024 13:29	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.203**		mg/kg dry	0.0409	1	EPA 7473	02/23/2024 09:18	02/23/2024 15:04	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.3**		%	0.100	1	SM 2540G	02/22/2024 16:05	02/22/2024 22:06	LRS
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BB41250 **Preparation Method:** EPA 3550C **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24B0968-01	LSB19_3_21-23	02/20/24
24B0968-04	LSB19_3_E7.5_18-20	02/20/24
24B0968-12	LSB19_3_W7.5_18-20	02/20/24
BB41250-BLK2	Blank	02/20/24
BB41250-BS2	LCS	02/20/24
BB41250-MS2	Matrix Spike	02/20/24
BB41250-MSD2	Matrix Spike Dup	02/20/24

Batch ID: BB41452 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24B0968-12	LSB19_3_W7.5_18-20	02/23/24
BB41452-BLK1	Blank	02/23/24
BB41452-DUP1	Duplicate	02/23/24
BB41452-MS1	Matrix Spike	02/23/24
BB41452-PS1	Post Spike	02/23/24
BB41452-SRM1	Reference	02/23/24

Batch ID: BB41453 **Preparation Method:** EPA 3050B **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
24B0968-01	LSB19_3_21-23	02/22/24
24B0968-04	LSB19_3_E7.5_18-20	02/22/24
BB41453-BLK1	Blank	02/22/24
BB41453-DUP1	Duplicate	02/22/24
BB41453-MS1	Matrix Spike	02/22/24
BB41453-PS1	Post Spike	02/22/24
BB41453-SRM1	Reference	02/22/24

Batch ID: BB41469 **Preparation Method:** % Solids Prep **Prepared By:** LRS

YORK Sample ID	Client Sample ID	Preparation Date
24B0968-01	LSB19_3_21-23	02/22/24
24B0968-04	LSB19_3_E7.5_18-20	02/22/24
24B0968-12	LSB19_3_W7.5_18-20	02/22/24
BB41469-DUP1	Duplicate	02/22/24

Batch ID: BB41514 **Preparation Method:** EPA 7473 soil **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24B0968-01	LSB19_3_21-23	02/23/24
24B0968-04	LSB19_3_E7.5_18-20	02/23/24
24B0968-12	LSB19_3_W7.5_18-20	02/23/24

BB41514-BLK1	Blank	02/23/24
BB41514-DUP1	Duplicate	02/23/24
BB41514-MS1	Matrix Spike	02/23/24
BB41514-SRM1	Reference	02/23/24

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41250 - EPA 3550C											
Blank (BB41250-BLK2) Blank									Prepared: 02/20/2024 Analyzed: 02/21/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0585*		"	*0.0664*		*88.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0409*		"	*0.0664*		*61.5*	*30-120*				
LCS (BB41250-BS2) LCS									Prepared: 02/20/2024 Analyzed: 02/21/2024		
Aroclor 1016	0.319	0.0166	mg/kg wet	0.332		95.9	40-130				
Aroclor 1260	0.279	0.0166	"	0.332		84.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0578*		"	*0.0664*		*87.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0399*		"	*0.0664*		*60.0*	*30-120*				
Matrix Spike (BB41250-MS2) Matrix Spike	*Source sample: 24B0940-02 (Matrix Spike)								Prepared: 02/20/2024 Analyzed: 02/21/2024		
Aroclor 1016	0.343	0.0171	mg/kg dry	0.343	ND	100	40-140				
Aroclor 1260	0.390	0.0171	"	0.343	ND	114	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0604*		"	*0.0686*		*88.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0679*		"	*0.0686*		*99.0*	*30-120*				
Matrix Spike Dup (BB41250-M Matrix Spike Dup	*Source sample: 24B0940-02 (Matrix Spike Dup)								Prepared: 02/20/2024 Analyzed: 02/21/2024		
Aroclor 1016	0.303	0.0171	mg/kg dry	0.343	ND	88.5	40-140		12.2	50	
Aroclor 1260	0.337	0.0171	"	0.343	ND	98.4	40-140		14.6	50	
Surrogate: Tetrachloro-m-xylene	*0.0552*		"	*0.0686*		*80.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0614*		"	*0.0686*		*89.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41452 - EPA 3050B											
Blank (BB41452-BLK1) Blank									Prepared: 02/23/2024 Analyzed: 02/26/2024		
Barium	ND	1.73	mg/kg wet								
Cadmium	ND	0.208	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Zinc	ND	1.73	"								
Duplicate (BB41452-DUP1) Duplicate	*Source sample: 24B1201-01 (Duplicate)								Prepared: 02/23/2024 Analyzed: 02/26/2024		
Barium	36.1	2.03	mg/kg dry		41.7				14.4	35	
Cadmium	ND	0.244	"		ND					35	
Copper	17.8	1.63	"		17.8				0.155	35	
Lead	37.3	0.407	"		34.5				7.71	35	
Zinc	60.8	2.03	"		55.9				8.43	35	
Matrix Spike (BB41452-MS1) Matrix Spike	*Source sample: 24B1201-01 (Matrix Spike)								Prepared: 02/23/2024 Analyzed: 02/26/2024		
Barium	238	2.03	mg/kg dry	195	41.7	100	75-125				
Cadmium	4.67	0.244	"	4.89	ND	95.6	75-125				
Copper	41.2	1.63	"	24.4	17.8	95.6	75-125				
Lead	76.7	0.407	"	48.9	34.5	86.4	75-125				
Zinc	101	2.03	"	48.9	55.9	91.7	75-125				
Post Spike (BB41452-PS1) Post Spike	*Source sample: 24B1201-01 (Post Spike)								Prepared: 02/23/2024 Analyzed: 02/26/2024		
Barium	2.59		ug/mL	2.00	0.427	108	75-125				
Cadmium	0.0493		"	0.0500	-0.00182	98.5	75-125				
Copper	0.449		mg/L	0.250	0.183	107	75-125				
Lead	0.872		ug/mL	0.500	0.353	104	75-125				
Zinc	1.09		mg/L	0.500	0.572	103	75-125				
Reference (BB41452-SRM1) Reference									Prepared: 02/23/2024 Analyzed: 02/26/2024		
Barium	441	1.73	mg/kg wet	445		99.1	77.9-110.8				
Cadmium	191	0.208	"	226		84.6	88.1-104.9	Low Bias			
Copper	223	1.39	"	239		93.4	75.3-105.9				
Lead	239	0.348	"	275		87.1	74.2-108				
Zinc	246	1.73	"	286		86.1	75.9-111.5				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41453 - EPA 3050B											
Blank (BB41453-BLK1) Blank									Prepared: 02/22/2024 Analyzed: 02/26/2024		
Barium	ND	1.73	mg/kg wet								
Cadmium	ND	0.208	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Zinc	ND	1.73	"								
Duplicate (BB41453-DUP1) Duplicate	*Source sample: 24B0968-04 (LSB19_3_E7.5_18-20)								Prepared: 02/22/2024 Analyzed: 02/26/2024		
Barium	11.4	2.07	mg/kg dry		10.4				9.19	35	
Cadmium	ND	0.249	"		ND					35	
Copper	5.86	1.66	"		4.80				19.9	35	
Lead	10.5	0.415	"		11.2				6.82	35	
Zinc	16.0	2.06	"		14.6				9.37	35	
Matrix Spike (BB41453-MS1) Matrix Spike	*Source sample: 24B0968-04 (LSB19_3_E7.5_18-20)								Prepared: 02/22/2024 Analyzed: 02/26/2024		
Barium	223	2.07	mg/kg dry	199	10.4	107	75-125				
Cadmium	4.85	0.249	"	4.97	ND	97.5	75-125				
Copper	33.1	1.66	"	24.9	4.80	114	75-125				
Lead	58.6	0.415	"	49.7	11.2	95.3	75-125				
Zinc	65.8	2.06	"	49.7	14.6	103	75-125				
Post Spike (BB41453-PS1) Post Spike	*Source sample: 24B0968-04 (LSB19_3_E7.5_18-20)								Prepared: 02/22/2024 Analyzed: 02/26/2024		
Barium	2.43		ug/mL	2.00	0.105	116	75-125				
Cadmium	0.0538		"	0.0500	-0.00121	108	75-125				
Copper	0.350		mg/L	0.250	0.0483	121	75-125				
Lead	0.659		ug/mL	0.500	0.113	109	75-125				
Zinc	0.695		mg/L	0.500	0.147	110	75-125				
Reference (BB41453-SRM1) Reference									Prepared: 02/22/2024 Analyzed: 02/26/2024		
Barium	410	1.73	mg/kg wet	445		92.1	77.9-110.8				
Cadmium	178	0.208	"	226		78.9	88.1-104.9	Low Bias			
Copper	220	1.39	"	239		92.1	75.3-105.9				
Lead	219	0.348	"	275		79.8	74.2-108				
Zinc	234	1.73	"	286		81.7	75.9-111.5				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41514 - EPA 7473 soil											
Blank (BB41514-BLK1) Blank								Prepared & Analyzed: 02/23/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB41514-DUP1) Duplicate	*Source sample: 24B0938-02 (Duplicate)							Prepared & Analyzed: 02/23/2024			
Mercury	ND	0.0325	mg/kg dry		ND					35	
Matrix Spike (BB41514-MS1) Matrix Spike	*Source sample: 24B0938-02 (Matrix Spike)							Prepared & Analyzed: 02/23/2024			
Mercury	0.510		mg/kg	0.500	0.0227	97.5	75-125				
Reference (BB41514-SRM1) Reference								Prepared & Analyzed: 02/23/2024			
Mercury	24.140		mg/kg	18.2		133	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41469 - % Solids Prep											
Duplicate (BB41469-DUP1) Duplicate	*Source sample: 24B0918-01 (Duplicate)							Prepared & Analyzed: 02/22/2024			
% Solids	91.0	0.100	%		89.5				1.72	20	

Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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YORK Project No. 24B0968

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Page 1 of 3

YOUR Information	Report To:	Invoice To:
Company: LANGAN ~~Suite a5 761~~	Company:	Company:
Address: 300 Kimball Dr Parsippany NJ ~~07054~~	Address:	Address:
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X

PFAS Standard is 7-10 Days

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

Kyle Scott Godfrey

K S Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes

- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- CMDP
- Standard Excel EDD
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- Other: ASP B
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDKQP
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19-3-21-23	SO	2/16 9:30	metals & ~~Pesticides~~ PCBs		
-23-25 ☆		9:30			
-25-27 ☆		9:35			
LSB19-3-E7.5_18-20		10:15			
-21-23 ☆		10:30			
-23-25 ☆		10:30			
-25-27 ☆		10:30			

Comments:

☆ Please hold samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
KS Langan	2/16		2/16/24 1385		2/16/24 1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Duran	2/16/24 1700	Ramon Duran	2/16/24 2005		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				CH	2/16/24 2005 / 1.9 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24B0968

Page 2 of 2

YOUR Information	Report To:	Invoice To:
Company: Same as PG1	Company:	Company:
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 160688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X

PFAS Standard is 7-10 Days

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

Kyle Scott Godfrey

K S Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19_B3_E15_18-20 *	Soil	2/16 11:00	Metals & PCBs		
_21-23 *		11:05			
_23-25 *		11:09			
_25-27 *		11:05			
LSB19-3-W7.5-18-20		11:30			
_21-23 *		11:45			
_23-25 *		11:45			
_25-27 *		11:45			

Comments:

* Please hold samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
KJ Langan	2/16		2/16/24 1355		2/18/24 1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Karina Duran	2/16/24 1700	Ramon Duran	2/16/24 20:05		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				CH	2/16/24 20:05 / 1.9 Degrees C

Field Chain-of-Custody Record

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YORK Project No.

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Page 3 of 3

YOUR Information	Report To:	Invoice To:
Same as Pg 1	Company:	Company:
	Address:	Address:
	Phone.:	Phone.:
	Contact:	Contact:
	E-mail:	E-mail:

YOUR Project Number: 160688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day ✓
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)**

PFAS Standard is 7-10 Days

clearly and legibly. All information must be complete.
not be logged in and the turn-around-time clock will not
y questions by YORK are resolved.

Kyle Scott Godfrey

s Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19_B3_E15_18-20 ☆	Soil	2/16 11:00	barium, cadmium, copper, lead, mercury, zinc PCBs		
_21-23 ☆		11:05			
_23-25 ☆		11:07			
_25-27 ☆		11:05			
LSB19-3-W7.5-18-20		11:30			
_21-23 ☆		11:45			
_23-25 ☆		11:45			
_25-27 ☆		11:45			

s: ☆ Please hold samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

linquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
KH Langan	2/16				
Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature

Degrees C

Field Chain-of-Custody Record

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ANALYTICAL LABORATORIES INC

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YORK Project No.

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YOUR Information	Report To:	Invoice To:
Company: Same as PG1	Company:	Company: S
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 10068802

YOUR Project Name: 12096 Flat Iron Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day X
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)**

PFAS Standard is 7-10 Days

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

Kyle Scott Godfrey

K S Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)
Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19-3-21-23	SO	2/16 9:30	barium, cadmium, copper, lead, mercury, zinc PCBs		
-23-25 ☆		9:30			
-25-27 ☆		9:35			
LSB19-3-E7.5_18-20		10:15			
-21-23 ☆		10:30			
-23-25 ☆		10:30			
-25-27 ☆		10:30			

Comments: ☆ Please hold samples

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company: K Legan	Date/Time: 2/16	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature (Degrees C)

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 03/14/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1034

Revision No. 2.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 03/14/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1034

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 19, 2024 and listed below. The project was identified as your project: **100688802**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24B1034-05	LSB19_3_S7.5_18-20	Soil	02/19/2024	02/19/2024
24B1034-06	LSB19_3_S7.5_21-23	Soil	02/19/2024	02/19/2024
24B1034-09	LSB19_3_S15_18-20	Soil	02/19/2024	02/19/2024
24B1034-13	LSB19_3_N7.5_18-20	Soil	02/19/2024	02/19/2024

General Notes for York Project (SDG) No.: 24B1034

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

Approved By **Date:** 03/14/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: LSB19_3_S7.5_18-20 **York Sample ID:** 24B1034-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1034	100688802	Soil	February 19, 2024 9:05 am	02/19/2024

PCB, 8082 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0298	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0298	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0298	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0298	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0298	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0298	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0298	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0298	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:16	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-120*

Barium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**1940**		mg/kg dry	3.12	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Cadmium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	**Cadmium**	**0.819**		mg/kg dry	0.375	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**192**		mg/kg dry	2.50	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

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

Sample Information

Client Sample ID: LSB19_3_S7.5_18-20 **York Sample ID:** 24B1034-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1034	100688802	Soil	February 19, 2024 9:05 am	02/19/2024

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3290**		mg/kg dry	0.625	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**10.0**		mg/L	0.125	1	EPA 6010D/1311	02/26/2024 08:42	02/26/2024 18:29	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**840**		mg/kg dry	3.11	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:52	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.444**		mg/kg dry	0.0540	1	EPA 7473	02/26/2024 08:21	02/26/2024 15:10	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**55.6**		%	0.100	1	SM 2540G	02/23/2024 07:29	02/23/2024 14:50	sgs
							Certifications:	CTDOH-PH-0723		

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: **EXT-Temp, WTCLP_AMT**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/20/2024 16:28	02/21/2024 10:21	CAM2
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: LSB19_3_S7.5_21-23 **York Sample ID:** 24B1034-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1034	100688802	Soil	February 19, 2024 9:07 am	02/19/2024

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**67.5**		mg/kg dry	0.424	1	EPA 6010D	03/06/2024 13:29	03/08/2024 16:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.560**		mg/L	0.125	1	EPA 6010D/1311	03/06/2024 09:20	03/08/2024 16:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.9**		%	0.100	1	SM 2540G	03/05/2024 15:52	03/05/2024 18:54	LRS
							Certifications:	CTDOH-PH-0723		

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	03/05/2024 16:14	03/06/2024 08:55	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: LSB19_3_S15_18-20 **York Sample ID:** 24B1034-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1034	100688802	Soil	February 19, 2024 10:10 am	02/19/2024

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**1550**		mg/kg dry	0.849	1	EPA 6010D	03/11/2024 17:36	03/13/2024 19:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**49.1**		%	0.100	1	SM 2540G	03/12/2024 10:24	03/12/2024 16:26	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **LSB19_3_N7.5_18-20** **York Sample ID:** **24B1034-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1034	100688802	Soil	February 19, 2024 11:00 am	02/19/2024

PCB, 8082 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0256	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0256	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0256	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0256	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0256	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0256	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0256	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0256	1	EPA 8082A	02/20/2024 13:40	02/21/2024 23:30	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.5 %*	*30-120*

Barium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**412**		mg/kg dry	2.69	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Cadmium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	**Cadmium**	**0.364**		mg/kg dry	0.323	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**79.8**		mg/kg dry	2.16	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

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

Sample Information

Client Sample ID: LSB19_3_N7.5_18-20 **York Sample ID:** 24B1034-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1034	100688802	Soil	February 19, 2024 11:00 am	02/19/2024

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**276**		mg/kg dry	0.539	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**294**		mg/kg dry	2.68	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.168**		mg/kg dry	0.0466	1	EPA 7473	02/26/2024 08:21	02/26/2024 15:10	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**64.4**		%	0.100	1	SM 2540G	02/23/2024 07:29	02/23/2024 14:50	sgs
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BB41254 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24B1034-05	LSB19_3_S7.5_18-20	02/20/24
24B1034-13	LSB19_3_N7.5_18-20	02/20/24
BB41254-BLK2	Blank	02/20/24
BB41254-BS2	LCS	02/20/24
BB41254-MS2	Matrix Spike	02/20/24
BB41254-MSD2	Matrix Spike Dup	02/20/24

Batch ID: BB41270 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
24B1034-05	LSB19_3_S7.5_18-20	02/20/24
BB41270-BLK1	Blank	02/20/24

Batch ID: BB41454 **Preparation Method:** EPA 3050B **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
24B1034-05	LSB19_3_S7.5_18-20	02/22/24
24B1034-13	LSB19_3_N7.5_18-20	02/22/24
BB41454-BLK1	Blank	02/22/24
BB41454-DUP1	Duplicate	02/22/24
BB41454-MS1	Matrix Spike	02/22/24
BB41454-PS1	Post Spike	02/22/24
BB41454-SRM1	Reference	02/22/24

Batch ID: BB41487 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
24B1034-05	LSB19_3_S7.5_18-20	02/23/24
24B1034-13	LSB19_3_N7.5_18-20	02/23/24
BB41487-DUP1	Duplicate	02/23/24

Batch ID: BB41622 **Preparation Method:** EPA 7473 soil **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24B1034-05	LSB19_3_S7.5_18-20	02/26/24
24B1034-13	LSB19_3_N7.5_18-20	02/26/24
BB41622-BLK1	Blank	02/26/24
BB41622-DUP1	Duplicate	02/26/24
BB41622-MS1	Matrix Spike	02/26/24
BB41622-SRM1	Reference	02/26/24

Batch ID: BB41627 **Preparation Method:** EPA 3015A/1311 **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
24B1034-05	LSB19_3_S7.5_18-20	02/26/24
BB41627-BLK1	Blank	02/26/24
BB41627-BS1	LCS	02/26/24
BB41627-DUP1	Duplicate	02/26/24
BB41627-LBK1	Leach Fluid Blank	02/26/24
BB41627-MS1	Matrix Spike	02/26/24
BB41627-PS1	Post Spike	02/26/24

Batch ID: BC40304 **Preparation Method:** % Solids Prep **Prepared By:** LRS

YORK Sample ID	Client Sample ID	Preparation Date
24B1034-06	LSB19_3_S7.5_21-23	03/05/24
BC40304-DUP1	Duplicate	03/05/24

Batch ID: BC40305 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
24B1034-06	LSB19_3_S7.5_21-23	03/05/24
BC40305-BLK1	Blank	03/05/24

Batch ID: BC40345 **Preparation Method:** EPA 3015A/1311 **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
24B1034-06	LSB19_3_S7.5_21-23	03/06/24
BC40345-BLK1	Blank	03/06/24
BC40345-BS1	LCS	03/06/24
BC40345-DUP1	Duplicate	03/06/24
BC40345-LBK1	Leach Fluid Blank	03/06/24
BC40345-MS1	Matrix Spike	03/06/24
BC40345-PS1	Post Spike	03/06/24

Batch ID: BC40393 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24B1034-06	LSB19_3_S7.5_21-23	03/06/24
BC40393-BLK1	Blank	03/06/24
BC40393-DUP1	Duplicate	03/06/24
BC40393-MS1	Matrix Spike	03/06/24
BC40393-PS1	Post Spike	03/06/24
BC40393-SRM1	Reference	03/06/24

Batch ID: BC40776 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24B1034-09	LSB19_3_S15_18-20	03/11/24

BC40776-BLK1	Blank	03/11/24
BC40776-SRM1	Reference	03/11/24

Batch ID: BC40835 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24B1034-09	LSB19_3_S15_18-20	03/12/24
BC40835-DUP1	Duplicate	03/12/24

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41254 - EPA 3550C											
Blank (BB41254-BLK2) Blank									Prepared: 02/20/2024 Analyzed: 02/21/2024		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0630*		"	*0.0667*		*94.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0407*		"	*0.0667*		*61.0*	*30-120*				
LCS (BB41254-BS2) LCS									Prepared: 02/20/2024 Analyzed: 02/21/2024		
Aroclor 1016	0.303	0.0166	mg/kg wet	0.332		91.3	40-130				
Aroclor 1260	0.273	0.0166	"	0.332		82.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0578*		"	*0.0664*		*87.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0402*		"	*0.0664*		*60.5*	*30-120*				
Matrix Spike (BB41254-MS2) Matrix Spike *Source sample: 24B1075-06 (Matrix Spike)									Prepared: 02/20/2024 Analyzed: 02/22/2024		
Aroclor 1016	0.341	0.0185	mg/kg dry	0.369	ND	92.3	40-140				
Aroclor 1260	0.292	0.0185	"	0.369	ND	79.2	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0606*		"	*0.0739*		*82.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0395*		"	*0.0739*		*53.5*	*30-120*				
Matrix Spike Dup (BB41254-M Matrix Spike Dup *Source sample: 24B1075-06 (Matrix Spike Dup)									Prepared: 02/20/2024 Analyzed: 02/22/2024		
Aroclor 1016	0.347	0.0184	mg/kg dry	0.368	ND	94.2	40-140		1.69	50	
Aroclor 1260	0.300	0.0184	"	0.368	ND	81.4	40-140		2.39	50	
Surrogate: Tetrachloro-m-xylene	*0.0611*		"	*0.0736*		*83.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0405*		"	*0.0736*		*55.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41454 - EPA 3050B											
Blank (BB41454-BLK1) Blank									Prepared: 02/22/2024 Analyzed: 02/26/2024		
Barium	ND	1.73	mg/kg wet								
Cadmium	ND	0.208	"								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Zinc	ND	1.73	"								
Duplicate (BB41454-DUP1) Duplicate	*Source sample: 24B1034-13 (LSB19_3_N7.5_18-20)								Prepared: 02/22/2024 Analyzed: 02/26/2024		
Barium	1090	2.69	mg/kg dry		412				90.5	35	Non-dir.
Cadmium	1.65	0.323	"		0.364				128	35	Non-dir.
Copper	90.4	2.16	"		79.8				12.5	35	
Lead	492	0.539	"		276				56.4	35	Non-dir.
Zinc	530	2.68	"		294				57.3	35	Non-dir.
Matrix Spike (BB41454-MS1) Matrix Spike	*Source sample: 24B1034-13 (LSB19_3_N7.5_18-20)								Prepared: 02/22/2024 Analyzed: 02/26/2024		
Barium	1510	2.69	mg/kg dry	259	412	423	75-125	High Bias			
Cadmium	8.50	0.323	"	6.47	0.364	126	75-125	High Bias			
Copper	123	2.16	"	32.3	79.8	135	75-125	High Bias			
Lead	667	0.539	"	64.7	276	605	75-125	High Bias			
Zinc	748	2.68	"	64.7	294	702	75-125	High Bias			
Post Spike (BB41454-PS1) Post Spike	*Source sample: 24B1034-13 (LSB19_3_N7.5_18-20)								Prepared: 02/22/2024 Analyzed: 02/26/2024		
Barium	5.40		ug/mL	2.00	3.18	111	75-125				
Cadmium	0.0558		"	0.0500	0.00281	106	75-125				
Copper	0.917		mg/L	0.250	0.617	120	75-125				
Lead	2.66		ug/mL	0.500	2.13	106	75-125				
Zinc	2.77		mg/L	0.500	2.27	99.4	75-125				
Reference (BB41454-SRM1) Reference									Prepared: 02/22/2024 Analyzed: 02/26/2024		
Barium	400	1.73	mg/kg wet	445		90.0	77.9-110.8				
Cadmium	181	0.208	"	226		79.9	88.1-104.9	Low Bias			
Copper	223	1.39	"	239		93.4	75.3-105.9				
Lead	224	0.348	"	275		81.3	74.2-108				
Zinc	237	1.73	"	286		82.7	75.9-111.5				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41627 - EPA 3015A/1311												
Blank (BB41627-BLK1)	Blank								Prepared & Analyzed: 02/26/2024			
Lead		ND	0.00556	mg/L								
LCS (BB41627-BS1)	LCS								Prepared & Analyzed: 02/26/2024			
Lead		0.490		ug/mL	0.500		98.1	80-120				
Duplicate (BB41627-DUP1)	Duplicate	*Source sample: 24B1203-13 (Duplicate)							Prepared & Analyzed: 02/26/2024			
Lead		ND	0.125	mg/L		ND					20	
Leach Fluid Blank (BB41627-	Leach Fluid Blank								Prepared & Analyzed: 02/26/2024			
Lead		ND	0.125	mg/L								
Matrix Spike (BB41627-MS1)	Matrix Spike	*Source sample: 24B1203-13 (Matrix Spike)							Prepared & Analyzed: 02/26/2024			
Lead		12.3	0.125	mg/L	12.5	ND	98.4	75-125				
Post Spike (BB41627-PS1)	Post Spike	*Source sample: 24B1203-13 (Post Spike)							Prepared & Analyzed: 02/26/2024			
Lead		0.538		ug/mL	0.500	-0.00197	108	75-125				
Batch BC40345 - EPA 3015A/1311												
Blank (BC40345-BLK1)	Blank								Prepared & Analyzed: 03/06/2024			
Lead		ND	0.00556	mg/L								
LCS (BC40345-BS1)	LCS								Prepared & Analyzed: 03/06/2024			
Lead		0.488		ug/mL	0.500		97.5	80-120				
Duplicate (BC40345-DUP1)	Duplicate	*Source sample: 24B1132-05 (Duplicate)							Prepared: 03/06/2024 Analyzed: 03/08/2024			
Lead		2.29	0.125	mg/L		2.27				0.846	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40345 - EPA 3015A/1311											
Leach Fluid Blank (BC40345- Leach Fluid Blank								Prepared & Analyzed: 03/06/2024			
Lead	ND	0.125	mg/L								
Matrix Spike (BC40345-MS1) Matrix Spike	*Source sample: 24B1132-05 (Matrix Spike)							Prepared: 03/06/2024 Analyzed: 03/08/2024			
Lead	15.2	0.125	mg/L	12.5	2.27	103	75-125				
Post Spike (BC40345-PS1) Post Spike	*Source sample: 24B1132-05 (Post Spike)							Prepared: 03/06/2024 Analyzed: 03/08/2024			
Lead	0.647		ug/mL	0.500	0.0909	111	75-125				
Batch BC40393 - EPA 3050B											
Blank (BC40393-BLK1) Blank								Prepared: 03/06/2024 Analyzed: 03/08/2024			
Lead	ND	0.348	mg/kg wet								
Duplicate (BC40393-DUP1) Duplicate	*Source sample: 24C0278-10 (Duplicate)							Prepared: 03/06/2024 Analyzed: 03/12/2024			
Lead	104	0.388	mg/kg dry		102				2.71	35	
Matrix Spike (BC40393-MS1) Matrix Spike	*Source sample: 24C0278-10 (Matrix Spike)							Prepared: 03/06/2024 Analyzed: 03/12/2024			
Lead	118	0.388	mg/kg dry	46.5	102	35.5	75-125	Low Bias			
Post Spike (BC40393-PS1) Post Spike	*Source sample: 24C0278-10 (Post Spike)							Prepared: 03/06/2024 Analyzed: 03/12/2024			
Lead	1.59		ug/mL	0.500	1.09	98.5	75-125				
Reference (BC40393-SRM1) Reference								Prepared: 03/06/2024 Analyzed: 03/08/2024			
Lead	230	0.348	mg/kg wet	275		83.6	74.2-108				
Batch BC40776 - EPA 3050B											
Blank (BC40776-BLK1) Blank								Prepared: 03/11/2024 Analyzed: 03/13/2024			
Lead	ND	0.417	mg/kg wet								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40776 - EPA 3050B											
Reference (BC40776-SRM1) Reference										Prepared: 03/11/2024 Analyzed: 03/13/2024	
Lead	211	0.417	mg/kg wet	275		76.7	74.2-108				

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

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41622 - EPA 7473 soil												
Blank (BB41622-BLK1)	Blank								Prepared & Analyzed: 02/26/2024			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BB41622-DUP1)	Duplicate	*Source sample: 24B1014-03 (Duplicate)							Prepared & Analyzed: 02/26/2024			
Mercury		ND	0.0362	mg/kg dry		ND					35	
Matrix Spike (BB41622-MS1)	Matrix Spike	*Source sample: 24B1014-03 (Matrix Spike)							Prepared & Analyzed: 02/26/2024			
Mercury		0.490		mg/kg	0.500	0.0208	93.9	75-125				
Reference (BB41622-SRM1)	Reference								Prepared & Analyzed: 02/26/2024			
Mercury		24.706		mg/kg	18.2		136	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41487 - % Solids Prep												
Duplicate (BB41487-DUP1)	Duplicate	*Source sample: 24B1027-01 (Duplicate)								Prepared & Analyzed: 02/23/2024		
% Solids		90.6	0.100	%		90.8				0.228	20	
Batch BC40304 - % Solids Prep												
Duplicate (BC40304-DUP1)	Duplicate	*Source sample: 24B1034-06 (LSB19_3_S7.5_21-23)								Prepared & Analyzed: 03/05/2024		
% Solids		83.6	0.100	%		81.9				2.00	20	
Batch BC40835 - % Solids Prep												
Duplicate (BC40835-DUP1)	Duplicate	*Source sample: 24C0667-02 (Duplicate)								Prepared & Analyzed: 03/12/2024		
% Solids		75.2	0.100	%		74.9				0.287	20	

Leachate Preparations - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41270 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BB41270-BLK1) TCLP LEACH BLANK									Prepared: 02/20/2024 Analyzed: 02/21/2024		
TCLP Extraction	Completed	1.00	N/A								
Batch BC40305 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BC40305-BLK1) TCLP LEACH BLANK									Prepared: 03/05/2024 Analyzed: 03/06/2024		
TCLP Extraction	Completed	1.00	N/A								

Sample and Data Qualifiers Relating to This Work Order

WTCLP_AM	Due to sample amount submitted, TCLP preparation was set up with less than the EPA method guidline.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to include Total Lead for sample 09.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 24B1034 ~~24B1017~~ KB 2/20/24

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

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN	Company:	Company:	100688802	RUSH - Next Day
Address: 300 Kimball Dr Parsippany NJ 07054	Address: SAME	Address: SAME	YOUR Project Name: 12096 Flatlands Ave	RUSH - Two Day
Phone.: 973-560-4960	Phone.:	Phone.:		RUSH - Three Day
Contact: Lauren Kott	Contact:	Contact:		RUSH - Four Day
E-mail: lkott@langan.com	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) X
				PFAS Standard is 7-10 Days

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

Leo Thottumal

ZT

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; CT RCP; EQuIS (Standard); QA Report; CT RCP DQA/DUE; NYSDEC EQuIS; CMDP; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; NJDEP SRP HazSite; NY ASP B Package; Other: ~~ASP-B~~

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19_3_W15_18-20 ✱	S	2/19/24 8:05	metals, PCPs		
21-23 ✱		8:10			
23-25 ✱		8:15			
25-27 ✱		8:20			
LSB19_3_S7.5_8-10 ✱		8:45	Total lead, TCLP lead		
10-12 ✱		8:50			
12-14 ✱		8:55			
16-18 ✱		9:02			
18-20		9:05	metals, PCBs, TCLP lead		
21-23 ✱		9:07			

Comments: ✱ Please hold sample

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

Special Instruction: Field Filtered; Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZT (Langan)	2/19/24 14:35	[illegible]	2/19/24 17:00	[illegible]	2/19/24 17:00
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Duran	2/19/24 17:00	Ramon Duran	2/19/24 18:55		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				ZT	2/14/24 18:55 / 1.4 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24B1034 ~~24B1017~~ KB 2/20/24

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

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Same as pg 1	Company:	Company:	100688802	RUSH - Next Day
Address:	Address:	Address:	YOUR Project Name: 12096 Flatlands Ave	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) X
				PFAS Standard is 7-10 Days

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

Lea Thottumani

ZL

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19-3_S7.5_23-25 ★	S	2/19/24 9:10	metals, PCBs, TCLP lead		
↓ 25-27 ★	↓	9:12	metals, PCBs		
LSB19-3_S10_8-10 ★		9:35	total lead, TCLP lead		
10-12 ★		9:37			
12-14 ★		9:39			
16-18 ★		9:40			
18-20 ★		9:42			
21-23 ★		9:50			
23-25 ★		9:52			
25-27 ★	↓	9:55	metals, PCBs		

Comments:

★ Please hold sample

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZL (Langan)	2/19/24	[signature]	2/19/24 14:45	[signature]	2/19/24 17:00
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Duran	2/19/24 17:00	Ramon Duran	2/19/24 18:55		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	2/19/24 18:55 / 1.2 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24B1034 ~~24B1017~~ KB 2/20/24

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

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Same as page 1	Company:	Company:	100688802	RUSH - Next Day
Address:	Address:	Address:	YOUR Project Name: 12096 Flatlands Ave	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) X
				PFAS Standard is 7-10 Days

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

Leo Thottumcai

ZTL

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; CMDP; Standard Excel EDD; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; Other: ASP-B; EQuIS (Standard); NYSDEC EQuIS; NJDKQP; NJDEP SRP HazSite

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19-3-S1S-8-10 *	S	2/14/24 10:00	total lead, TCLP lead		
10-12 *		10:02			
12-14 *		10:05			
16-18 *		10:07			
18-20 *		10:10	metals, PCBs, TCLP lead		
21-23 *		10:12			
23-25 *		10:15			
25-27 *		10:17			
LSB19-3-N7.5-18-20 * turn around (4)		11:00	metals, PCBs		
21-23 *		11:05			

Comments:

* Please hold sample

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZTL (Langan)	2/19/24	Gilbert Cahill	2/19/24 1745		2/19/24 1745
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Jurado	2/19/24 1745	Ramon Jurado	2/19/24 18:55		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				ZTL	2/19/24 18:55 / 1.4 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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YORK Project No. 24B1034 ~~24B1017~~ KB 2/20/24

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YOUR Information	Report To:	Invoice To:
Company: Same as page 1	Company:	Company:
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12046 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Leo Thottumal

ZTL

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; CMDP; Standard Excel EDD; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; Other ASP-B; EQuIS (Standard); NYSDEC EQuIS; NJDKQP; NJDEP SRP HazSite

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19_3_N7.5-23-25 *	S	2/19/24 11:10	metals, PCBs		
25-27 *		11:15			
LSB19-3_N15_18-20 *		11:30			
21-23 *		11:32			
23-25 *		11:35			
25-27 *		11:40			
LSB21_3_W10_0-2 *		12:20	total lead		
2-4 *		12:25			
4-5 *		12:30			
5-7 *		12:35			

Comments: * Please hold sample

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

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZTL (Langan)	2/19/24		2/19/24 1435		2/19/24 (TW)
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	2. Samples Received by / Company	Date/Time
Ramon Duran	2/19/24 (TW)	Ramon Duran	2/19/24 18:55		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				Z	2/19/24 18:55 1.4 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24B1034 ~~24B1017~~ 1142 2/20/24

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YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: same as page 1	Company:	Company:	10068802	RUSH - Next Day
Address:	Address:	Address:	YOUR Project Name: 120 4th Flatlands Ave	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) X
				PFAS Standard is 7-10 Days

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

Leo Thottumari

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | (Other: ASP-B)

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB21_3_W10_7-9	S	2/14/24 12:40	total lead		
10-12		12:45			
12-14 *		12:47			
14-16 *		12:50			
LSB21_3_W15_0-2 *		13:15			
2-4 *		13:20			
4-5 *		13:25			
5-7 *		13:30			
7-9 *		13:35			
10-12 *		13:40			

Comments:

* Please hold sample

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
LTL (Langan)	2/14/24		2/14/24 1455		2/14/24 1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Duran	2/14/24 1700	Ramon Duran	2/14/24 18:55		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					2/14/24 18:55 1.4 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24B1034 ~~24B1017~~ x03
2/20/24

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YOUR Information	Report To:	Invoice To:
Company: same as page1	Company:	Company:
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 10068802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
RUSH - Five Day	
Standard (6-9 Day)	X

PFAS Standard is 7-10 Days

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

Leo Thottumari

ZTL

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ~~ASP~~ ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB21_3_WLS_12-14 *	S	2/19/24 13:45	total lead		
↓ 14-16 *	S	13:50	↓		
TB10_20240219	AQ	—	VOCs		

Comments:

* Please hold samples

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZTL (Langan)			2/19/24 1430		2/19/24 1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Duran	2/19/24 1700	Ramon Duran	2/19/24 18:55		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				ZL	2/19/24 18:55 / 1.4 Degrees C

Field Chain-of-Custody Record

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YORK Project No.:

Page 1 of 6

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address:	Address:
Phone: 973-560-4960	Phone:	Phone:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:
	SAME	SAME

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Leo Thottumai

ZTL

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19_3_W15_18-20 ★	S	2/19/24 8:05	metals, PCPs		
21-23 ★		8:10			
23-25 ★		8:15			
25-27 ★		8:20			
LSB19_3_S7.5_8-10 ★		8:45	Total lead, TCLP lead		
10-12 ★		8:50			
12-14 ★		8:55			
16-18 ★		9:03			
18-20		9:05	metals, PCBs, TCLP lead		
21-23 ★		9:07			

COC 1

COC 2

COC 1

Comments: ★ Please hold sample

Samples iced/chilled at time of lab pickup? circle: Yes or No

Preservation: (check all that apply)

HCl ____ MeOH ____ HNO3 ____ H2SO4 ____ NaOH ____
ZnAc ____ Ascorbic Acid ____ Other: ____

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZTL (Langan)	2/19/24				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					Degrees C

Field Chain-of-Custody Record

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YORK Project No.

YOUR Information	Report To:	Invoice To:
Company: Same as pg 1	Company:	Company:
Address:	Address:	Address:
Phone:	Phone:	Phone:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Lee Thattumari

ZTL

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)
Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19-3_S75_23-25 ★	S	2/19/24 9:10	metals, PCBs, TCLP lead		
25-27 ★		9:12	metals, PCBs		
LSB19-3_S10_8-10 ★		9:35	total lead, TCLP lead		
10-12 ★		9:37			
12-14 ★		9:39			
16-18 ★		9:40			
18-20 ★		9:42			
21-23 ★		9:50			
23-25 ★		9:52			
25-27 ★		9:55	~~metals, PCBs~~		

COC 1

COC 2

also should be total lead/TCLP lead

Comments: ★ Please hold sample

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZTL (Langan)	2/19/24				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					Degrees C

Field Chain-of-Custody Record

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YORK Project No.:

YOUR Information	Report To:	Invoice To:
Company: Same as page 1	Company:	Company:
Address:	Address:	Address:
Phone:	Phone:	Phone:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 160688802

YOUR Project Name: 12096 Flatlands 9ve

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Leo Thottumadi

ZTL

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; CMDP; Standard Excel EDD; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; Other: ASP-B; EQuIS (Standard); NYSDEC EQuIS; NJDKQP; NJDEP SRP HazSite

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19_3_S15_8-10 *	S	2/19/24 10:00	total lead, TCLP lead		
10-12 *		10:02			
12-14 *		10:05			
16-18 *		10:07			
18-20 *		10:10	metals, PCBs, TCLP lead		
21-23 *		10:12			
23-25 *		10:15			
25-27 *		10:17			
LSB19_3_N15_18-20 *		11:00	metals, PCBs		
21-23 *		11:05			

COC 2

COC 1

Comments: * Please hold sample

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZTL (Langan)	2/19/24				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature (Degrees C)

Field Chain-of-Custody Record

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YORK Project No.

YOUR Information	Report To:	Invoice To:
Company: Same as page 1	Company:	Company:
Address:	Address:	Address:
Phone:	Phone:	Phone:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Leo Thottumari

ZTL

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19-3-N7.5-23-25 *	S	2/19/24 11:10	metals, PCBs		
25-27 *		11:15			
LSB19-3-N15-18-20 *		11:30			
21-23 *		11:32			
23-25 *		11:35			
25-27 *		11:40			
LSB21-3-W10-0-2 *		12:20	total lead		
2-4 *		12:25			
4-5 *		12:30			
5-7 *		12:35			

COC 1

COC 2

Comments:

* Please hold sample

Samples iced/chilled at time of lab pickup? circle: Yes or No

Preservation: (check all that apply)

HCl ____ MeOH ____ HNO3 ____ H2SO4 ____ NaOH ____
ZnAc ____ Ascorbic Acid ____ Other: ____

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZTL (Langan)	2/19/24				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					Degrees C

YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

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YORK Project No.:

YOUR Information	Report To:	Invoice To:
Company: same as page 1	Company:	Company:
Address:	Address:	Address:
Phone:	Phone:	Phone:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 10068802

YOUR Project Name: 1204 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Leo Thottumari

ZT

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package (Other) ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB21_3_W10_7-9	S	2/19/24 12:40	total lead		
10-12		12:45			
12-14 *		12:47			
14-16 *		12:50			
LSB21_3_W15_0-2 *		13:15			
2-4 *		13:20			
4-5 *		13:25			
5-7 *		13:30			
7-9 *		13:35			
10-12 *		13:40			

COC 2

Comments:

* Please hold sample

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZT (Langan)	2/19/24				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					Degrees C

Field Chain-of-Custody Record

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YORK Project No.

YOUR Information	Report To:	Invoice To:
Company: same as page1	Company:	Company:
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 10068802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X
- PFAS Standard is 7-10 Days

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

Leo Thottumari
ZTZ

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)
Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | (Other) ~~ASP~~ ASP-B

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB21_3_WLS_12-14 *	S	2/19/24 13:45	COC 2 total lead		
14-16 *	S	" 13:50	↓		
TBID_20240219	AQ	↓ —	COC 1 VOCs		

Comments:
* Please hold samples

Samples Iced/chilled at time of lab pickup? circle: Yes or No

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

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZTZ (Langan)					
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature Degrees C

Field Chain-of-Custody Record

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YORK Project No.:

Page 1 of 6

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address:	Address:
Phone: 973 560-4960	Phone:	Phone:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:
	SAME	SAME

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Samples Collected by: (print AND sign your name) Leo Thottumai

ZTL

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19_3_W15_18-20 ★	S	2/19/24 8:05	barium, cadmium, copper, lead, mercury, zinc, PCBs — COC 1		
21-23 ★		8:10			
23-25 ★		8:15			
25-27 ★		8:20			
LSB19_3_S7.5_8-10 ★		8:45	Total Lead, TCLP Lead — COC 2		
10-12 ★		8:50			
12-14 ★		8:55			
16-18 ★		9:03			
18-20		9:05	barium, cadmium, copper, lead, mercury, zinc, PCBs, TCLP Lead — COC 1		
21-23 ★		9:07			

Comments: ★ Please hold sample

Samples iced/chilled at time of lab pickup? circle: Yes or No

HCl ____ MeOH ____ HNO3 ____ H2SO4 ____ NaOH ____
ZnAc ____ Ascorbic Acid ____ Other: ____

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZTL (Langan)	2/19/24				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature (Degrees C)

YORK
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Field Chain-of-Custody Record

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YORK Project No.:

YOUR Information	Report To:	Invoice To:
Company: Same as pg 1	Company:	Company:
Address:	Address:	Address:
Phone:	Phone:	Phone:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X
- PFAS Standard is 7-10 Days

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

Lee Thattumari

ZTL

Samples Collected by: (print AND sign your name)

Matrix Codes
- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)
- Summary Report | CT RCP | EQuIS (Standard)
- QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
- CMDP | NJDEP Reduced Deliverables | NJDKQP
- Standard Excel EDD | NJDEP SRP HazSite
- NY ASP B Package | Other: ASP-B

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19-3_S7.5_23-25 ★	S	2/19/24 9:10	metals, PCBs		
25-27 ★		9:12	metals, PCBs		
LSB19-3_S10_8-10 ★		9:35	total lead, TCLP lead		
10-12 ★		9:37			
12-14 ★		9:39			
16-18 ★		9:40			
18-20 ★		9:42			
21-23 ★		9:50			
23-25 ★		9:52			
25-27 ★		9:55			

COC 1

barium, cadmium, copper, lead, mercury, zinc, PCBs, TCLP Lead

barium, cadmium, copper, lead, mercury, zinc, PCBs

COC 2

also should be total lead/TCLP lead

Comments: ★ Please hold sample

Samples Iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction
- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZTL (Langan)	2/19/24				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					Degrees C

YORK ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

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YORK Project No.

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YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Same as page 1	Company:	Company:	160688802	RUSH - Next Day
Address:	Address:	Address:	YOUR Project Name	RUSH - Two Day
Phone:	Phone:	Phone:	12096 Flatlands 9 Ave	RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) X
				PFAS Standard is 7-10 Days

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

Leo Thottumadi

ZTL

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; CT RCP; EQuIS (Standard); QA Report; CT RCP DQA/DUE; NYSDEC EQuIS; CMDP; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; NJDEP SRP HazSite; NY ASP B Package; Other: ASP-B

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19_3_S15_8-10 ★	S	2/19/24 10:00	total lead, TCLP lead		
10-12 ★		10:02			
12-14 ★		10:05			
16-18 ★		10:07			
18-20 ★		10:10	barium, cadmium, copper, lead, mercury, zinc, PCBs, TCLP Lead		
21-23 ★		10:12			
23-25 ★		10:15			
25-27 ★		10:17			
LSB19_3_N15_18-20 ★ (run same)		11:00	barium, cadmium, copper, lead, mercury, zinc, PCBs		
21-23 ★	↓	11:05	↓		

COC 2

COC 1

Comments: ★ Please hold sample

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company: ZTL (Langan)	Date/Time: 2/19/24	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature (Degrees C)

Field Chain-of-Custody Record

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YORK Project No.

YOUR Information	Report To:	Invoice To:
Company: Same as page 1	Company:	Company:
Address:	Address:	Address:
Phone:	Phone:	Phone:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

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

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

Leo Thottumari

ZTL

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; CMDP; Standard Excel EDD; NY ASP B Package (Other) ASP-B; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; EQuIS (Standard); NYSDEC EQuIS; NJDKQP; NJDEP SRP HazSite

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB19-3-N7.5-23-25 *	S	2/19/24 11:10	barium, cadmium, copper, lead, mercury, zinc, PCBs		
25-27 *		11:15			
LSB19-3-N15-18-20 *		11:30			
21-23 *		11:32			
23-25 *		11:35			
25-27 *		11:40			
LSB21-3-W10-0-2 *		12:20	total lead		
2-4 *		12:25			
4-5 *		12:30			
5-7 *		12:35			

COC 1

COC 2

Comments: * Please hold sample

Samples iced/chilled at time of lab pickup? circle: Yes or No

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

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZTL (Langan)	2/19/24				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature (Degrees C)

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Field Chain-of-Custody Record

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YORK Project No.:

YOUR Information
Company: same as page 1
Address:
Phone:
Contact:
E-mail:

Report To:
Company:
Address:
Phone:
Contact:
E-mail:

Invoice To:
Company:
Address:
Phone:
Contact:
E-mail:

YOUR Project Number: 10068802

YOUR Project Name: 1204 Flatlands Ave

YOUR PO#:

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Leo Thottumari

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)
Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package (Other) ASP-B

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB21_3_W10_7-9	S	2/14/24 12:40	total lead		
10-12		12:45			
12-14 *		12:47			
14-16 *		12:50			
LSB21_3_WIS_0-2 *		13:15			
2-4 *		13:20			
4-5 *		13:25			
5-7 *		13:30			
7-9 *		13:35			
10-12 *		13:40			

COC 2

Comments:
* Please hold sample

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
ZTZ (Langan)	2/14/24				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					Degrees C

Field Chain-of-Custody Record

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YORK Project No.:

Page 6 of 6

YOUR Information	Report To:	Invoice To:
Company: same as page1	Company:	Company:
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 10068802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Leo Thottumari
ZTZ

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; CMDP; Standard Excel EDD; NY ASP B Package (Other: ~~ASP~~ ASP-B); CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; EQuIS (Standard); NYSDEC EQuIS; NJDKQP; NJDEP SRP HazSite

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB21_3_WIS_12-14 ✱	S	2/19/24 13:45	COC 2: total lead		
14-16 ✱	S	" 13:50	↓		
TBID_20240219	AQ	↓ —	COC 1: VOCs		

Comments:
✱ Please hold samples

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company: ZTZ (Langan)	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature (Degrees C)

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 02/28/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1125

Report Date: 02/28/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1125

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 20, 2024 and listed below. The project was identified as your project: **100688802**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24B1125-01	LSB22_3_16-18	Soil	02/20/2024	02/20/2024
24B1125-08	LSB22_3_E7.5_13-15	Soil	02/20/2024	02/20/2024
24B1125-16	LSB22_3_N7.5_13-15	Soil	02/20/2024	02/20/2024
24B1125-20	LSB22_3_S7.5_13-15	Soil	02/20/2024	02/20/2024

General Notes for York Project (SDG) No.: 24B1125

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

Approved By **Date:** 02/28/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: LSB22_3_16-18 **York Sample ID:** 24B1125-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1125	100688802	Soil	February 20, 2024 10:05 am	02/20/2024

Barium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**532**		mg/kg dry	3.04	1	EPA 6010D	02/23/2024 13:40	02/27/2024 15:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**165**		mg/kg dry	2.44	1	EPA 6010D	02/23/2024 13:40	02/27/2024 15:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**577**		mg/kg dry	0.609	1	EPA 6010D	02/23/2024 13:40	02/27/2024 15:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**1000**		mg/kg dry	3.03	1	EPA 6010D	02/23/2024 13:40	02/27/2024 15:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.711**		mg/kg dry	0.0526	1	EPA 7473	02/27/2024 08:53	02/27/2024 15:00	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**57.0**		%	0.100	1	SM 2540G	02/26/2024 07:36	02/26/2024 15:01	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB22_3_E7.5_13-15 **York Sample ID:** 24B1125-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1125	100688802	Soil	February 20, 2024 11:25 am	02/20/2024

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**37.8**		mg/kg dry	1.84	1	EPA 6010D	02/23/2024 13:40	02/27/2024 15:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**29.1**		mg/kg dry	1.47	1	EPA 6010D	02/23/2024 13:40	02/27/2024 15:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**34.4**		mg/kg dry	0.368	1	EPA 6010D	02/23/2024 13:40	02/27/2024 15:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**60.4**		mg/kg dry	1.83	1	EPA 6010D	02/23/2024 13:40	02/27/2024 15:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0318	1	EPA 7473	02/27/2024 08:53	02/27/2024 15:00	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.3**		%	0.100	1	SM 2540G	02/26/2024 07:36	02/26/2024 15:01	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB22_3_N7.5_13-15 **York Sample ID:** 24B1125-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1125	100688802	Soil	February 20, 2024 12:00 pm	02/20/2024

Barium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**159**		mg/kg dry	3.45	1	EPA 6010D	02/23/2024 13:40	02/27/2024 15:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**158**		mg/kg dry	2.76	1	EPA 6010D	02/23/2024 13:40	02/27/2024 15:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**238**		mg/kg dry	0.691	1	EPA 6010D	02/23/2024 13:40	02/27/2024 15:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**381**		mg/kg dry	3.44	1	EPA 6010D	02/23/2024 13:40	02/27/2024 15:48	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.533**		mg/kg dry	0.0596	1	EPA 7473	02/27/2024 08:53	02/27/2024 15:00	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**50.3**		%	0.100	1	SM 2540G	02/26/2024 07:36	02/26/2024 15:01	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB22_3_S7.5_13-15 **York Sample ID:** 24B1125-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1125	100688802	Soil	February 20, 2024 1:00 pm	02/20/2024

Barium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**251**		mg/kg dry	1.96	1	EPA 6010D	02/23/2024 13:40	02/27/2024 16:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**114**		mg/kg dry	1.57	1	EPA 6010D	02/23/2024 13:40	02/27/2024 16:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**364**		mg/kg dry	0.392	1	EPA 6010D	02/23/2024 13:40	02/27/2024 16:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**320**		mg/kg dry	1.95	1	EPA 6010D	02/23/2024 13:40	02/27/2024 16:06	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0675**		mg/kg dry	0.0339	1	EPA 7473	02/27/2024 08:53	02/27/2024 15:00	DBT
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.6**		%	0.100	1	SM 2540G	02/26/2024 07:36	02/26/2024 15:01	sgs
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BB41541 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24B1125-01	LSB22_3_16-18	02/23/24
24B1125-08	LSB22_3_E7.5_13-15	02/23/24
24B1125-16	LSB22_3_N7.5_13-15	02/23/24
24B1125-20	LSB22_3_S7.5_13-15	02/23/24
BB41541-BLK1	Blank	02/23/24
BB41541-DUP1	Duplicate	02/23/24
BB41541-MS1	Matrix Spike	02/23/24
BB41541-PS1	Post Spike	02/23/24
BB41541-SRM1	Reference	02/23/24

Batch ID: BB41607 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
24B1125-01	LSB22_3_16-18	02/26/24
24B1125-08	LSB22_3_E7.5_13-15	02/26/24
24B1125-16	LSB22_3_N7.5_13-15	02/26/24
24B1125-20	LSB22_3_S7.5_13-15	02/26/24
BB41607-DUP1	Duplicate	02/26/24

Batch ID: BB41729 **Preparation Method:** EPA 7473 soil **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24B1125-01	LSB22_3_16-18	02/27/24
24B1125-08	LSB22_3_E7.5_13-15	02/27/24
24B1125-16	LSB22_3_N7.5_13-15	02/27/24
24B1125-20	LSB22_3_S7.5_13-15	02/27/24
BB41729-BLK1	Blank	02/27/24
BB41729-DUP1	Duplicate	02/27/24
BB41729-MS1	Matrix Spike	02/27/24
BB41729-SRM1	Reference	02/27/24

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41541 - EPA 3050B											
Blank (BB41541-BLK1) Blank								Prepared: 02/23/2024 Analyzed: 02/27/2024			
Barium	ND	1.73	mg/kg wet								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Zinc	ND	1.73	"								
Duplicate (BB41541-DUP1) Duplicate	*Source sample: 24B1327-05 (Duplicate)							Prepared: 02/23/2024 Analyzed: 02/27/2024			
Barium	52.5	1.91	mg/kg dry		34.1				42.3	35	Non-dir.
Copper	19.3	1.53	"		19.7				1.96	35	
Lead	34.0	0.383	"		39.2				14.5	35	
Zinc	1360	1.90	"		660				69.5	35	Non-dir.
Matrix Spike (BB41541-MS1) Matrix Spike	*Source sample: 24B1327-05 (Matrix Spike)							Prepared: 02/23/2024 Analyzed: 02/27/2024			
Barium	230	1.91	mg/kg dry	184	34.1	106	75-125				
Copper	43.9	1.53	"	22.9	19.7	106	75-125				
Lead	79.8	0.383	"	45.9	39.2	88.3	75-125				
Zinc	842	1.90	"	45.9	660	397	75-125	High Bias			
Post Spike (BB41541-PS1) Post Spike	*Source sample: 24B1327-05 (Post Spike)							Prepared: 02/23/2024 Analyzed: 02/27/2024			
Barium	2.47		ug/mL	2.00	0.372	105	75-125				
Copper	0.498		mg/L	0.250	0.214	114	75-125				
Lead	0.929		ug/mL	0.500	0.428	100	75-125				
Zinc	7.40		mg/L	0.500	7.19	43.1	75-125	Low Bias			
Reference (BB41541-SRM1) Reference								Prepared: 02/23/2024 Analyzed: 02/27/2024			
Barium	442	1.73	mg/kg wet	445		99.2	77.9-110.8				
Copper	255	1.39	"	239		107	75.3-105.9	High Bias			
Lead	262	0.348	"	275		95.2	74.2-108				
Zinc	265	1.73	"	286		92.8	75.9-111.5				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41729 - EPA 7473 soil											
Blank (BB41729-BLK1) Blank								Prepared & Analyzed: 02/27/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB41729-DUP1) Duplicate	*Source sample: 24B1125-01 (LSB22_3_16-18)							Prepared & Analyzed: 02/27/2024			
Mercury	0.517	0.0526	mg/kg dry		0.711				31.6	35	
Matrix Spike (BB41729-MS1) Matrix Spike	*Source sample: 24B1125-01 (LSB22_3_16-18)							Prepared & Analyzed: 02/27/2024			
Mercury	0.774		mg/kg	0.500	0.405	73.6	75-125	Low Bias			
Reference (BB41729-SRM1) Reference								Prepared & Analyzed: 02/27/2024			
Mercury	19.235		mg/kg	18.2		106	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41607 - % Solids Prep											
Duplicate (BB41607-DUP1) Duplicate	*Source sample: 24B1190-01 (Duplicate)							Prepared & Analyzed: 02/26/2024			
% Solids	75.9	0.100	%		75.7				0.281	20	

Sample and Data Qualifiers Relating to This Work Order

M-SPKM The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 24B1125

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Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 1096 Flatlands Ave

YOUR PO#:

Turn-Around Time

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

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

Kyle Scott Godfrey

K S Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced | NJDKQP
Standard Excel EDD | Deliverables | NJDEP SRP HazSite
NY ASP B Package | (Other) ASP B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3-16-18	Soil	2/20 10:05	Metals		
-18-20 ☆		10:05			
-20-22 ☆		10:05			
LSB22-3-E15-13-15 ☆		11:00			
-16-18 ☆		11:00			
-18-20 ☆		11:00			
-20-22 ☆		11:05			
LSB22-3-E7.5-13-15		11:25			
-16-18 ☆		11:25			
-18-20 ☆		11:25			

Comments: ☆ Please Hold Samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
LANGAN	2/20 1434	[signature]	2/20/24 1437	[signature]	2/20/24 1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Duran	2/20/24 1700	Ramon Duran	2/20/24 2000		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCG	2/20/24 2000 / 3.2 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24B1125

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

YOUR Information	Report To:	Invoice To:
Company: ~~Langan~~ Langan	Company:	Company:
Address: 300 Kimball Dr Parsippany NJ	Address:	Address:
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 120 2 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

KS Godfrey

Kyle Scott Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3-E7.5-20-22 ☆	Soil	2/20 11:30	Metals		
LSB22-3-N15-13-15 ☆		11:45			
-16-18 ☆		11:50			
-18-20 ☆		11:50			
-20-22 ☆		11:55			
LSB22-3-N7.5-13-15		12:00			
-16-18 ☆		12:10			
-18-20 ☆		12:10			
-20-22 ☆		12:15			

Comments:

☆ Please Hold samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Langan	2/20 1436		2/20/24 1437		2/20/24 1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Duran	2/20/24 1700	Ramon Duran	2/20/24 2000		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCS	2/20/24 2000 3.2 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24B1125

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

YOUR Information	Report To:	Invoice To:
Company: Same as PGI	Company:	Company:
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands 3rd

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X

PFAS Standard is 7-10 Days

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

Kyle S Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3-57.5-13-15	So.	2/20 13:00	Metals		
-16-18 ☆		13:20			
-18-20 ☆		13:20			
-20-22 ☆		13:30			
~~LSB2 2-3-57.5-13-15 ☆~~					
~~-16-18 ☆~~					
~~-18-20 ☆~~					
~~-20-22 ☆~~					

Comments:

☆ Please HOLD Samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Kyle S Godfrey Langan	02/20 1436	[illegible]	2/20/24 1437	[illegible]	2/20/24 1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Duran	2/20/24 ROW	Ramon Duran	2/20/24 2000		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				HCCS	2/20/24 2000 / 3.2 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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YORK Project No.:

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

Page 1 of 3

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address:	Address:
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 1096 Flatlands Ave

YOUR PO#:

Turn-Around Time

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

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

Kyle Scott Godfrey

K S Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | (Other) ASP B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3_16-18	Soil	2/20 10:05	barium, copper, lead, mercury, zinc		
_18-20 ☆		10:05			
_20-22 ☆		10:05			
LSB22-3-E15_13-15 ☆		11:00			
_16-18 ☆		11:00			
_18-20 ☆		11:00			
_20-22 ☆		11:05			
LSB22-3_E7.5_13-15		11:25			
_16-18 ☆		11:25			
_18-20 ☆		11:25			

Comments: ☆ Please Hold Samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company: KSG Langan	Date/Time: 2/20	1. Samples Received by / Company	Date/Time
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time
2. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Received in LAB by	Date/Time	Temperature Degrees C	

YORK ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

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YORK Project No.

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

YOUR Information	Report To:	Invoice To:
Company: ~~Langan~~ Langan	Company:	Company:
Address: 300 Kimball Dr Parsippany NJ	Address:	Address:
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12092 Flatlands 5

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

KS Godfrey
Kyle Scott Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid | GW - groundwater | DW - drinking water | WW - wastewater | O - Oil | Other

Samples From

New York X | New Jersey | Connecticut | Pennsylvania | Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3-E7.5-20-22 ☆	So.l	2/20 11:30	barium, copper, lead, mercury, zinc		
LSB22-3-N15-13-15 ☆		11:45			
-16-18 ☆		11:50			
-18-20 ☆		11:50			
-20-22 ☆		11:55			
LSB22-3-N7.5-13-15		12:00			
-16-18 ☆		12:10			
-18-20 ☆		12:10			
-20-22 ☆		12:15			

Comments:

☆ Please Hold samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
KS Langan	2/20				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature Degrees C

YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

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YORK Project No.

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

YOUR Information	Report To:	Invoice To:
Company: Same as PGT	Company:	Company:
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands 3rd

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) [X]

PFAS Standard is 7-10 Days

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

Kyle S Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York [X]
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3-57.5-13-15	So.	2/20 13:00	barium, copper, lead, mercury, zinc		
-16-18 ☆		13:20			
-18-20 ☆		13:20			
-20-22 ☆		13:30			
~~LSB2-3-57.5-13-15 ☆~~					
~~-16-18 ☆~~					
~~-18-20 ☆~~					
~~-20-22 ☆~~					

Comments:

☆ Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
KS Godfrey Langan	02/20				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 02/29/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1202

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 02/29/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1202

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 21, 2024 and listed below. The project was identified as your project: **100688802**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24B1202-05	LSB22_3_W7.5_13-15	Soil	02/21/2024	02/21/2024
24B1202-12	LSB16_3_22.5-24.5	Soil	02/21/2024	02/21/2024
24B1202-15	LSB16_3_S7.5_19.5-21.5	Soil	02/21/2024	02/21/2024
24B1202-23	LSB16_3_N7.5_19.5-21.5	Soil	02/21/2024	02/21/2024
24B1202-27	DUP_20240221	Soil	02/21/2024	02/21/2024

General Notes for York Project (SDG) No.: 24B1202

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

Approved By **Date:** 02/29/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: LSB22_3_W7.5_13-15 **York Sample ID:** 24B1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1202	100688802	Soil	February 21, 2024 8:12 am	02/21/2024

Barium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**448**		mg/kg dry	1.91	1	EPA 6010D	02/26/2024 19:02	02/28/2024 19:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**246**		mg/kg dry	1.53	1	EPA 6010D	02/26/2024 19:02	02/28/2024 19:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**802**		mg/kg dry	0.384	1	EPA 6010D	02/26/2024 19:02	02/28/2024 19:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**558**		mg/kg dry	1.91	1	EPA 6010D	02/26/2024 19:02	02/28/2024 19:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.62**		mg/kg dry	0.0331	1	EPA 7473	02/28/2024 09:14	02/29/2024 12:06	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.6**		%	0.100	1	SM 2540G	02/27/2024 15:39	02/27/2024 21:25	LRS
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB16_3_22.5-24.5 **York Sample ID:** 24B1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1202	100688802	Soil	February 21, 2024 9:45 am	02/21/2024

PEST, 8081 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00195	5	EPA 8081B	02/22/2024 08:39	02/23/2024 05:23	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*107 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*110 %*	*30-150*

PCB, 8082 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:42	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*101 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-120*

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**101**		mg/kg dry	0.423	1	EPA 6010D	02/26/2024 19:02	02/28/2024 19:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Information

Client Sample ID: **LSB16_3_22.5-24.5** **York Sample ID:** **24B1202-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1202	100688802	Soil	February 21, 2024 9:45 am	02/21/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.1**		%	0.100	1	SM 2540G	02/27/2024 15:40	02/27/2024 21:32	LRS
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: LSB16_3_S7.5_19.5-21.5 **York Sample ID:** 24B1202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1202	100688802	Soil	February 21, 2024 10:30 am	02/21/2024

PEST, 8081 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00196	5	EPA 8081B	02/22/2024 08:39	02/23/2024 05:41	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*130 %*	*30-150*

PCB, 8082 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A	02/22/2024 08:39	02/23/2024 00:56	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-120*

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**36.1**		mg/kg dry	0.422	1	EPA 6010D	02/26/2024 19:02	02/28/2024 20:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Information

Client Sample ID: **LSB16_3_S7.5_19.5-21.5** **York Sample ID:** **24B1202-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1202	100688802	Soil	February 21, 2024 10:30 am	02/21/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.4**		%	0.100	1	SM 2540G	02/27/2024 15:40	02/27/2024 21:32	LRS
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: LSB16_3_N7.5_19.5-21.5 **York Sample ID:** 24B1202-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1202	100688802	Soil	February 21, 2024 12:00 pm	02/21/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00195	5	EPA 8081B	02/22/2024 08:39	02/23/2024 06:35	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*115 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:10	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-120*

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**18.5**		mg/kg dry	0.423	1	EPA 6010D	02/26/2024 19:02	02/28/2024 20:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **LSB16_3_N7.5_19.5-21.5** **York Sample ID:** **24B1202-23**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1202	100688802	Soil	February 21, 2024 12:00 pm	02/21/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.1**		%	0.100	1	SM 2540G	02/27/2024 15:40	02/27/2024 21:32	LRS
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: DUP_20240221 **York Sample ID:** 24B1202-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1202	100688802	Soil	February 21, 2024 12:00 pm	02/21/2024

PEST, 8081 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B	02/22/2024 08:39	02/23/2024 06:53	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*105 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*102 %*	*30-150*

PCB, 8082 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A	02/22/2024 08:39	02/23/2024 01:24	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.0 %*	*30-120*

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**9.11**		mg/kg dry	0.412	1	EPA 6010D	02/26/2024 19:02	02/28/2024 20:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Information

Client Sample ID: DUP_20240221 **York Sample ID:** 24B1202-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1202	100688802	Soil	February 21, 2024 12:00 pm	02/21/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.3**		%	0.100	1	SM 2540G	02/27/2024 15:40	02/27/2024 21:32	LRS
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BB41401 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24B1202-12	LSB16_3_22.5-24.5	02/22/24
24B1202-12	LSB16_3_22.5-24.5	02/22/24
24B1202-15	LSB16_3_S7.5_19.5-21.5	02/22/24
24B1202-15	LSB16_3_S7.5_19.5-21.5	02/22/24
24B1202-23	LSB16_3_N7.5_19.5-21.5	02/22/24
24B1202-23	LSB16_3_N7.5_19.5-21.5	02/22/24
24B1202-27	DUP_20240221	02/22/24
24B1202-27	DUP_20240221	02/22/24
BB41401-BLK1	Blank	02/22/24
BB41401-BLK2	Blank	02/22/24
BB41401-BS1	LCS	02/22/24
BB41401-BS2	LCS	02/22/24
BB41401-MS1	Matrix Spike	02/22/24
BB41401-MS2	Matrix Spike	02/22/24
BB41401-MSD1	Matrix Spike Dup	02/22/24
BB41401-MSD2	Matrix Spike Dup	02/22/24

Batch ID: BB41693 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24B1202-05	LSB22_3_W7.5_13-15	02/26/24
24B1202-12	LSB16_3_22.5-24.5	02/26/24
24B1202-15	LSB16_3_S7.5_19.5-21.5	02/26/24
24B1202-23	LSB16_3_N7.5_19.5-21.5	02/26/24
24B1202-27	DUP_20240221	02/26/24
BB41693-BLK1	Blank	02/26/24
BB41693-DUP1	Duplicate	02/26/24
BB41693-MS1	Matrix Spike	02/26/24
BB41693-PS1	Post Spike	02/26/24
BB41693-SRM1	Reference	02/26/24

Batch ID: BB41786 **Preparation Method:** % Solids Prep **Prepared By:** LRS

YORK Sample ID	Client Sample ID	Preparation Date
24B1202-05	LSB22_3_W7.5_13-15	02/27/24
BB41786-DUP1	Duplicate	02/27/24

Batch ID: BB41787 **Preparation Method:** % Solids Prep **Prepared By:** LRS

YORK Sample ID	Client Sample ID	Preparation Date
24B1202-12	LSB16_3_22.5-24.5	02/27/24
24B1202-15	LSB16_3_S7.5_19.5-21.5	02/27/24
24B1202-23	LSB16_3_N7.5_19.5-21.5	02/27/24
24B1202-27	DUP_20240221	02/27/24

BB41787-DUP1	Duplicate	02/27/24

Batch ID: BB41838 **Preparation Method:** EPA 7473 soil **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24B1202-05	LSB22_3_W7.5_13-15	02/28/24
BB41838-BLK1	Blank	02/28/24
BB41838-DUP1	Duplicate	02/28/24
BB41838-MS1	Matrix Spike	02/28/24
BB41838-SRM1	Reference	02/28/24

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41401 - EPA 3550C											
Blank (BB41401-BLK1) Blank								Prepared & Analyzed: 02/22/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
Surrogate: Decachlorobiphenyl	*0.0976*		"	*0.0664*		*147*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0910*		"	*0.0664*		*137*	*30-150*				
LCS (BB41401-BS1) LCS								Prepared: 02/22/2024 Analyzed: 02/23/2024			
4,4'-DDD	0.0225	0.00164	mg/kg wet	0.0332		67.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0562*		"	*0.0664*		*84.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0464*		"	*0.0664*		*69.8*	*30-150*				
Matrix Spike (BB41401-MS1) Matrix Spike *Source sample: 24B1166-02 (Matrix Spike)								Prepared: 02/22/2024 Analyzed: 02/23/2024			
4,4'-DDD	0.0421	0.00174	mg/kg dry	0.0352	ND	120	30-150				
Surrogate: Decachlorobiphenyl	*0.0952*		"	*0.0704*		*135*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0819*		"	*0.0704*		*116*	*30-150*				
Matrix Spike Dup (BB41401-M Matrix Spike Dup *Source sample: 24B1166-02 (Matrix Spike Dup)								Prepared: 02/22/2024 Analyzed: 02/23/2024			
4,4'-DDD	0.0311	0.00176	mg/kg dry	0.0356	ND	87.3	30-150		30.1	30	Non-dir.
Surrogate: Decachlorobiphenyl	*0.0769*		"	*0.0713*		*108*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0614*		"	*0.0713*		*86.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41401 - EPA 3550C											
Blank (BB41401-BLK2) Blank								Prepared & Analyzed: 02/22/2024			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0813*		"	*0.0667*		*122*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0570*		"	*0.0667*		*85.5*	*30-120*				
LCS (BB41401-BS2) LCS								Prepared & Analyzed: 02/22/2024			
Aroclor 1016	0.333	0.0166	mg/kg wet	0.332		100	40-130				
Aroclor 1260	0.285	0.0166	"	0.332		85.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0724*		"	*0.0664*		*109*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0498*		"	*0.0664*		*75.0*	*30-120*				
Matrix Spike (BB41401-MS2) Matrix Spike *Source sample: 24B1166-02 (Matrix Spike)								Prepared: 02/22/2024 Analyzed: 02/23/2024			
Aroclor 1016	0.300	0.0175	mg/kg dry	0.349	ND	86.0	40-140				
Aroclor 1260	0.244	0.0175	"	0.349	ND	69.9	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0741*		"	*0.0699*		*106*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0454*		"	*0.0699*		*65.0*	*30-120*				
Matrix Spike Dup (BB41401-M Matrix Spike Dup *Source sample: 24B1166-02 (Matrix Spike Dup)								Prepared: 02/22/2024 Analyzed: 02/23/2024			
Aroclor 1016	0.108	0.0175	mg/kg dry	0.349	ND	30.9	40-140	Low Bias	94.1	50	Non-dir.
Aroclor 1260	0.178	0.0175	"	0.349	ND	51.0	40-140		31.3	50	
Surrogate: Tetrachloro-m-xylene	*0.0629*		"	*0.0699*		*90.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0405*		"	*0.0699*		*58.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41693 - EPA 3050B											
Blank (BB41693-BLK1) Blank									Prepared: 02/26/2024 Analyzed: 02/28/2024		
Barium	ND	1.73	mg/kg wet								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Zinc	ND	1.73	"								
Duplicate (BB41693-DUP1) Duplicate	*Source sample: 24B1415-01 (Duplicate)								Prepared: 02/26/2024 Analyzed: 02/28/2024		
Barium	74.3	2.00	mg/kg dry		62.1				17.8	35	
Copper	22.1	1.60	"		15.9				32.6	35	
Lead	43.5	0.401	"		40.4				7.42	35	
Zinc	142	2.00	"		126				12.2	35	
Matrix Spike (BB41693-MS1) Matrix Spike	*Source sample: 24B1415-01 (Matrix Spike)								Prepared: 02/26/2024 Analyzed: 02/28/2024		
Barium	258	2.00	mg/kg dry	193	62.1	102	75-125				
Copper	41.2	1.60	"	24.1	15.9	105	75-125				
Lead	79.8	0.401	"	48.1	40.4	81.9	75-125				
Zinc	178	2.00	"	48.1	126	109	75-125				
Post Spike (BB41693-PS1) Post Spike	*Source sample: 24B1415-01 (Post Spike)								Prepared: 02/26/2024 Analyzed: 02/28/2024		
Barium	2.91		ug/mL	2.00	0.646	113	75-125				
Copper	0.459		mg/L	0.250	0.165	118	75-125				
Lead	0.954		ug/mL	0.500	0.420	107	75-125				
Zinc	1.89		mg/L	0.500	1.31	116	75-125				
Reference (BB41693-SRM1) Reference									Prepared: 02/26/2024 Analyzed: 02/28/2024		
Barium	437	1.73	mg/kg wet	445		98.3	77.9-110.8				
Copper	251	1.39	"	239		105	75.3-105.9				
Lead	259	0.348	"	275		94.1	74.2-108				
Zinc	264	1.73	"	286		92.2	75.9-111.5				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41838 - EPA 7473 soil											
Blank (BB41838-BLK1) Blank									Prepared: 02/28/2024 Analyzed: 02/29/2024		
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB41838-DUP1) Duplicate	*Source sample: 24B1163-09 (Duplicate)								Prepared: 02/28/2024 Analyzed: 02/29/2024		
Mercury	ND	0.0318	mg/kg dry		ND					35	
Matrix Spike (BB41838-MS1) Matrix Spike	*Source sample: 24B1163-09 (Matrix Spike)								Prepared: 02/28/2024 Analyzed: 02/29/2024		
Mercury	0.311		mg/kg	0.500	0.00900	60.4	75-125	Low Bias			
Reference (BB41838-SRM1) Reference									Prepared: 02/28/2024 Analyzed: 02/29/2024		
Mercury	14.738		mg/kg	18.2		81.0	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41786 - % Solids Prep											
Duplicate (BB41786-DUP1) Duplicate	*Source sample: 24B1187-07 (Duplicate)								Prepared & Analyzed: 02/27/2024		
% Solids	89.8	0.100	%		90.5				0.774	20	
Batch BB41787 - % Solids Prep											
Duplicate (BB41787-DUP1) Duplicate	*Source sample: 24B1202-12 (LSB16_3_22.5-24.5)								Prepared & Analyzed: 02/27/2024		
% Solids	80.4	0.100	%		82.1				2.15	20	

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 24B1200, 24B1202

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

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 9735604900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)**

PFAS Standard is 7-10 Days

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

Rob Bardsley

Samples Collected by: (print AND sign your name)

Matrix Codes

- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From

- New York ✗
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- CMDP
- Standard Excel EDD
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- Other:
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDKQP
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3-S15-13-15 *		2/21 0750	Metals		
-16-18 *		0752	Metals		
-18-20 *		0754	Metals		
-20-22 *		0755	Metals		
LSB22-3-W7.5-2-4 *		0807	Total Lead		
-4-6		0810	Total Lead		
-6-8 *		0810	Total Lead		
-8-10 *		0811	Total Lead		
-13-15		0812	Metals		
-16-18 *		0820	Metals		

Comments: * Please HOLD samples

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Rob Bardsley	2/21/24	[illegible]	2/21/24	[illegible]	2/21/24 1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Duran	2/21/24 1700	Ramon Duran	2/21/24 1945		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCS	2/21/24 1945 / 3.1 Degrees C

Field Chain-of-Custody Record

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YORK Project No.: 24B1200 24B1202

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

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973 560-4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatland Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day X
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)**

PFAS Standard is 7-10 Days

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

RBo Rob Bandini

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3_W7.5-20-22 *	S	2/21 0825	Metals		
LSB22-3_W10_2-4 *		0830	Total Lead		
_4-6 *		0832			
_6-8 *		0835			
_8-10 *		0835			
LSB22-3_W15_2-4 *		0835	Total Lead		
_4-6 *		0839			
_6-8 *		0840			
_8-10 *		0845	Total Lead Metals		
_13-15 *		0848			

Comments: Please HOLD samples

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
RBo	2/21/24		2/21/24 1400		2/21/24 1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Duran	2/21/24 1700	Ramon Duran	2/21/24 1945		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCS	2/21/24 1945 / Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24B1200 24B1202

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YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Lauren Kotz	Contact:	Contact:
E-mail: lkotz@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	X
RUSH - Four Day	
RUSH - Five Day	
Standard (6-9 Day)	

PFAS Standard is 7-10 Days

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Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York ✓
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3-W15-16-18 *	S	8/1 0849	Metals		
-18-20 *		0850			
-20-22 *		0851			
LSB16-3-22.5-24.5		0945	Pesticides, PCB, Metals		
-24.5-26.5 *		0947			
-26.5-28.5 *		0949			
LSB16-3-17.5-19.5-21.5		1030			
-22.5-24.5 *		1033			
-24.5-26.5 *		1035			
-26.5-28.5 *		1040			

Comments: * Please HOLD sample,

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	2/21/24	[signature]	2/21/24 1700	[signature]	2/21/24 1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Purvis	2/21/24 1700	Ramon Purvis	2/21/24 1945		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCS	2/21/24 1945 / 3.1 Degrees C

Field Chain-of-Custody Record

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

YORK Project No.: 24B1200, 24B1202

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address: SAME	Address: SAME
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Lauren Kotl	Contact:	Contact:
E-mail: lkotl@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day: X
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day)

PFAS Standard is 7-10 Days

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Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York: ✓
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB16-3_S15_19.5-21.5 *	S	2/21 1125	Pesticides, PCBs, Metals		
-22.5-24.5 *		1130			
-24.5-26.5 *		1133			
-26.5-28.5 *		1135			
LSB16-3-N7.5-19.5-21.5		1200			
-22.5-24.5 *		1208			
-24.5-26.5 *		1212			
-26.5-28.5 *		1216			
DUP-20240221		1200			
LSB16-3-N15-19.5-21.5 *		1236			

* Please Hold Samples

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	2/21/24		2/21/24		2/21/24 1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Roman Duran	2/21/24 1700	Roman Duran	2/21/24 1945		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCS	2/21/24 1945 / 3.1 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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YORK Project No.: 24B1200 24B1202

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany, NJ 07054	Address: SAME	Address: SAME
Phone.: 973-560-4900	Phone.:	Phone:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day ✓
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)**

PFAS Standard is 7-10 Days

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

Rob Bandura

Samples Collected by: (print AND sign your name)

Matrix Codes

- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From

- New York ✓
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- CMDP
- Standard Excel EDD
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- Other:
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDKQP
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB16-3_N15_22.5-24.5 *	S	2/21 1240	Pesticides, PCB, Metals		
LSB16-3_N15_24.5-26.5 *		1300			
LSB16-3_N15_26.5-28.5 *		1320			
(RB) LSB22-3_W7.5-18-20 *		0822	Metals		

Comments: * Please Hold Samples

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	2/21/24	[signature]	2/21/24 1400	[signature]	2/21/24 1700
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon Duran	2/21/24 1700	Ramon Duran	2/21/24 1945		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCS	2/21/24 1945 / 3.1 Degrees C

Field Chain-of-Custody Record

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ANALYTICAL LABORATORIES INC

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YORK Project No. 24B1202

Page 1 of 5

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 9735604900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688803

YOUR Project Name: 3096 Flatlands Ave

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
RUSH - Five Day	
Standard (6-9 Day)	X

PFAS Standard is 7-10 Days

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

Kate Bardsley

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22_3_S15-13-15		2/21 0750	Metals		
-16-18		0757	Metals		
-18-20		0754	Metals		
-20-22		0755	Metals		
LSB22_3_W7.5-2-4		0807	Total Lead		
-4-6		0810	Total Lead		
-6-8		0810	Total Lead		
-8-10		0815	Total Lead		
LSB22_3_W7.5-13-15		0812	Metals		
-16-18		0820	Metals		

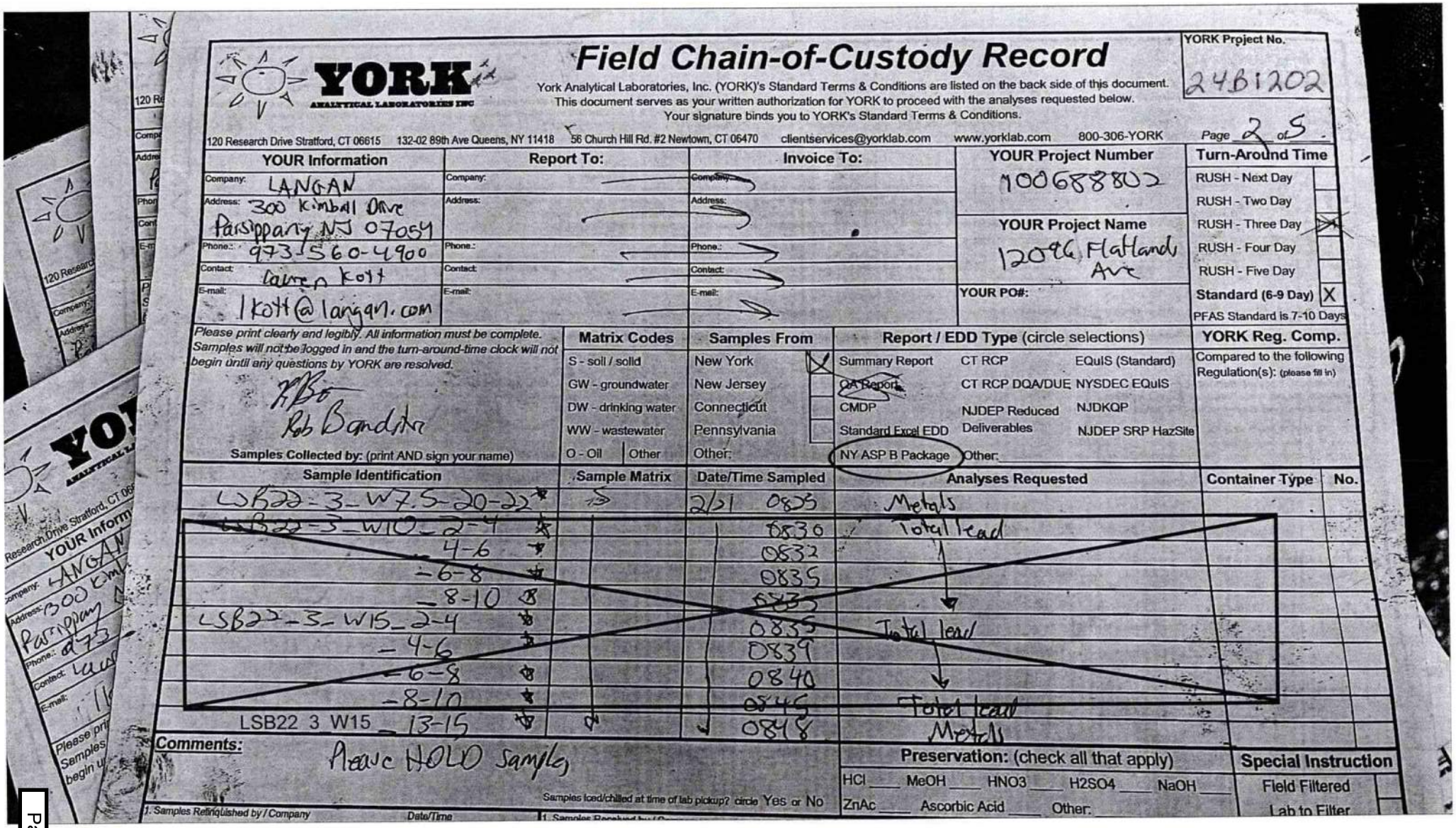
Comments: Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___

Special Instruction
Field Filtered

REC: NCS 2/21/24 1945
3.1°C



Field Chain-of-Custody Record

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YORK Project No. 24B1202

Page 2 of 5

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973 560-4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatland Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

RBo
Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3_W7.5-20-22	S	2/21 0825	Metals		
LSB22-3_W10_2-4		0830	Total Lead		
4-6		0832			
6-8		0835			
8-10		0837			
LSB22-3_W15_2-4		0835	Total Lead		
4-6		0839			
6-8		0840			
8-10		0845			
LSB22 3 W15_13-15		0848	Total Lead Metals		

Comments: Please HOLD samples

Samples Relinquished by / Company | Date/Time | Samples Received by / Company

Samples Iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other:

Special Instruction

Field Filtered
Lab to Filter

Rec: NCCS 2/21/21 1945
3.1°

YORK — Field Chain-of-Custody Record

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YORK Project No.: 24B1202

Page 3 of 5

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone: 973 560 4900	Phone:	Phone:
Contact: Lauren Kotz	Contact:	Contact:
E-mail: lkotz@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatland Ave

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	X
RUSH - Four Day	
RUSH - Five Day	
Standard (6-9 Day)	X

PFAS Standard is 7-10 Days

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

Samples Collected by: (print AND sign your name) — Rob Bandstra

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; CMDP; Standard Excel EDD; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; Other:; EQuIS (Standard); NYSDEC EQuIS; NJDKQP; NJDEP SRP HazSite

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3-W15-16-18 *	S	8/7 0849	Metals		
-18-20 *		0850			
-20-22 *		0851			
LSB16-3-22.5-24.5		0945	Pesticides, PCB, Metals		
-24.5-26.5 *		0947			
-26.5-28.5 *		0949			
LSB16-3-17.5-19.5-21.5		1030			
-22.5-24.5 *		1033			
-24.5-26.5 *		1035			
-26.5-28.5 *	↓	1040	↓		

Comments: * Please HOLD sample

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time

REC: NCC 2/21/24 1945
3.1°

Field Chain-of-Custody Record

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YORK Project No.: 24B1202

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address: SAME	Address: SAME
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Lauren Kotl	Contact:	Contact:
E-mail: lkotl@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688803

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day X
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; CMDP; Standard Excel EDD; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; EQuIS (Standard); NYSDEC EQuIS; NJDKQP; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB16-3-S15-19.5-21.5	S	2/21 1125	Pesticides, PCBs, Metals		
-22.5-24.5		1130			
-24.5-26.5		1133			
-26.5-28.5		1135			
LSB16-3-N75-19.5-21.5		1200			
-22.5-24.5		1208			
-24.5-26.5		1212			
-26.5-28.5		1216			
DUP-20240221		1200			
LSB16-3-N15-19.5-21.5		1236			

Comments: Please Hold Samples

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time

REC: NCLS 2/21/24 1945
3.1

Field Chain-of-Custody Record

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YORK Project No.: 24B1202

Page 5 of 5

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address: SAME	Address: SAME
Phone: 973-560-4900	Phone:	Phone:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Rob Bandini

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced | NJDKQP
Standard Excel EDD | Deliverables | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB16-3-N15-22.5-24.5	S	2/21 1240	Pesticides, PCB, Metals		
LSB16-3-N15-24.5-26.5		1300			
LSB16-3-N15-26.5-28.5		1320	Metals		
LSB22-3-W7.5-18-20		0822			

Comments: * Please Hold Samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time

REC: NCS 2/21/24 1945

3.1

Field Chain-of-Custody Record

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YORK Project No.

Page 1 of 5

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 9735604900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 2096 Flatlands Ave

YOUR PO#:

Turn-Around Time

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

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

Rob Bardsley

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22_3_S15-13-15 *		2/21 0750	Barium, Copper, Lead, Mercury, Zinc		
-16-18 *		0757	Barium, Copper, Lead, Mercury, Zinc		
-18-20 *		0754	Barium, Copper, Lead, Mercury, Zinc		
-20-22 *		0755	Barium, Copper, Lead, Mercury, Zinc		
LSB22_3_W7.5-2-4 *		0807	Total Lead		
-4-6		0810	Total Lead		
-6-8 *		0810	Total Lead		
-8-10 *		0811	Total Lead		
LSB22_3_W7.5 -13-15		0812	Barium, Copper, Lead, Mercury, Zinc		
-16-18 *		0820	Barium, Copper, Lead, Mercury, Zinc		

Comments: * Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___

Special Instruction

Field Filtered

Field Chain-of-Custody Record

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ANALYTICAL LABORATORIES INC

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YORK Project No.

Page 2 of 5

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone: 973 560-4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X

PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)
Summary Report | CT RCP | EQuIS (Standard)
~~QA Report~~ | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3-W7.5-20-22 *	S	2/21 0825	Barium, Copper, Lead, Mercury, Zinc		
LSB22-3-W10-2-4 *		0830	Total lead		
-4-6 *		0832			
-6-8 *		0835			
-8-10 *		0837			
LSB22-3-W15-2-4 *		0835	Total lead		
-4-6 *		0839			
-6-8 *		0840			
-8-10 *		0845			
LSB22_3_W15_13-15 *		0848	Total lead		
			Barium, Copper, Lead, Mercury, Zinc		

Comments: Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company | Date/Time

1. Samples Received by / Company

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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YORK Project No.

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatland Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Rob Bardstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York ✓
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report ✓ | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced | NJDKQP
Standard Excel EDD | Deliverables | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB22-3-W15-16-18 *	S	8/21 0849	Barium, Copper, Lead, Mercury, Zinc		
-18-20 *		0850	Barium, Copper, Lead, Mercury, Zinc		
-20-22 *		0851	Barium, Copper, Lead, Mercury, Zinc		
LSB16-3-22.5-24.5		0945	Lead, 4,4'-DDD, PCBs		
-24.5-26.5 *		0947			
-26.5-28.5 *		0944			
LSB16-3-W7.5-19.5-21.5		1030			
-22.5-24.5 *		1033			
-24.5-26.5 *		1035			
-26.5-28.5 *		1040			

Comments:

* Please HOLD sample

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project No.

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address: SAME	Address: SAME
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X

PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced | NJDKQP
Standard Excel EDD | Deliverables | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB16-3_S15_19.5-21.5	S	2/21 1125	Lead, 4,4'-DDD, PCBs		
-22.5-24.5		1130			
-24.5-26.5		1133			
-26.5-28.5		1135			
LSB16-3-N15-19.5-21.5		1200			
-22.5-24.5		1208			
-24.5-26.5		1212			
-26.5-28.5		1216			
DUP-20240221		1200			
LSB16-3-N15-19.5-21.5		1236			

* Please Hold Sample

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No.:

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

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address: SAME	Address: SAME
Phone.: 973-560-4900	Phone.:	Phone:
Contact: Lauren Kotz	Contact:	Contact:
E-mail: lkotz@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB16-3_N15_22.5-24.5 *	S	2/21 1240	Lead, 4,4'-DDD, PCBs		
LSB16-3_N15_24.5-26.5 *		1300			
LSB16-3_N15_26.5-28.5 *		1320			
(RB) LSB22-3_W7.5-18-20 *		0822	Barium, Copper, Lead, Mercury, Zinc		

Comments: * Please Hold Samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 03/01/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1304

Report Date: 03/01/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1304

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 22, 2024 and listed below. The project was identified as your project: **100688802**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24B1304-01	LSB16_3_W7.5_19.5-21.5	Soil	02/22/2024	02/22/2024
24B1304-09	LSB16_3E7.5_19.5-21.5	Soil	02/22/2024	02/22/2024
24B1304-17	LSB18_3_19.5-21.5	Soil	02/22/2024	02/22/2024
24B1304-20	LSB18_3_E7.5_16.5-18.5	Soil	02/22/2024	02/22/2024
24B1304-24	LSB18_3_W7.5_16.5-18.5	Soil	02/22/2024	02/22/2024
24B1304-32	FB02_20240222	Water	02/22/2024	02/22/2024

General Notes for York Project (SDG) No.: 24B1304

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

Approved By **Date:** 03/01/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: LSB16_3_W7.5_19.5-21.5 **York Sample ID:** 24B1304-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1304	100688802	Soil	February 22, 2024 7:45 am	02/22/2024

PEST, 8081 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B	02/23/2024 12:55	02/24/2024 05:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.0 %*	*30-150*

PCB, 8082 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	02/23/2024 12:55	02/24/2024 03:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	02/23/2024 12:55	02/24/2024 03:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	02/23/2024 12:55	02/24/2024 03:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	02/23/2024 12:55	02/24/2024 03:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	02/23/2024 12:55	02/24/2024 03:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	02/23/2024 12:55	02/24/2024 03:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	02/23/2024 12:55	02/24/2024 03:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	02/23/2024 12:55	02/24/2024 03:51	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.5 %*	*30-120*

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**293**		mg/kg dry	0.399	1	EPA 6010D	02/26/2024 19:08	02/29/2024 10:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Information

Client Sample ID: LSB16_3_W7.5_19.5-21.5 **York Sample ID:** 24B1304-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1304	100688802	Soil	February 22, 2024 7:45 am	02/22/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.2**		%	0.100	1	SM 2540G	02/28/2024 07:37	02/28/2024 15:35	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: LSB16_3E7.5_19.5-21.5 **York Sample ID:** 24B1304-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1304	100688802	Soil	February 22, 2024 9:30 am	02/22/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B	02/23/2024 12:55	02/24/2024 06:09	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A	02/23/2024 12:55	02/24/2024 04:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A	02/23/2024 12:55	02/24/2024 04:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A	02/23/2024 12:55	02/24/2024 04:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A	02/23/2024 12:55	02/24/2024 04:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A	02/23/2024 12:55	02/24/2024 04:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A	02/23/2024 12:55	02/24/2024 04:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A	02/23/2024 12:55	02/24/2024 04:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A	02/23/2024 12:55	02/24/2024 04:05	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.0 %*	*30-120*

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**278**		mg/kg dry	0.406	1	EPA 6010D	02/26/2024 19:08	02/29/2024 10:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **LSB16_3E7.5_19.5-21.5** **York Sample ID:** **24B1304-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1304	100688802	Soil	February 22, 2024 9:30 am	02/22/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.6**		%	0.100	1	SM 2540G	02/28/2024 07:37	02/28/2024 15:35	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: LSB18_3_19.5-21.5 **York Sample ID:** 24B1304-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1304	100688802	Soil	February 22, 2024 11:45 am	02/22/2024

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**20.3**		mg/kg dry	2.21	1	EPA 6010D	02/26/2024 19:08	02/29/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**9.22**		mg/kg dry	1.78	1	EPA 6010D	02/26/2024 19:08	02/29/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**4.25**		mg/kg dry	0.444	1	EPA 6010D	02/26/2024 19:08	02/29/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**16.4**		mg/kg dry	2.21	1	EPA 6010D	02/26/2024 19:08	02/29/2024 10:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.3**		%	0.100	1	SM 2540G	02/28/2024 07:37	02/28/2024 15:35	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB18_3_E7.5_16.5-18.5 **York Sample ID:** 24B1304-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1304	100688802	Soil	February 22, 2024 12:10 pm	02/22/2024

Barium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**155**		mg/kg dry	2.24	1	EPA 6010D	02/26/2024 19:08	02/29/2024 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**11.8**		mg/kg dry	1.79	1	EPA 6010D	02/26/2024 19:08	02/29/2024 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**42.8**		mg/kg dry	0.448	1	EPA 6010D	02/26/2024 19:08	02/29/2024 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**102**		mg/kg dry	2.23	1	EPA 6010D	02/26/2024 19:08	02/29/2024 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.5**		%	0.100	1	SM 2540G	02/28/2024 07:37	02/28/2024 15:35	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB18_3_W7.5_16.5-18.5 **York Sample ID:** 24B1304-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1304	100688802	Soil	February 22, 2024 12:57 pm	02/22/2024

Barium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**104**		mg/kg dry	2.16	1	EPA 6010D	02/26/2024 19:08	02/29/2024 11:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**97.2**		mg/kg dry	1.73	1	EPA 6010D	02/26/2024 19:08	02/29/2024 11:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**226**		mg/kg dry	0.434	1	EPA 6010D	02/26/2024 19:08	02/29/2024 11:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**578**		mg/kg dry	2.16	1	EPA 6010D	02/26/2024 19:08	02/29/2024 11:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.1**		%	0.100	1	SM 2540G	02/28/2024 07:37	02/28/2024 15:35	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: FB02_20240222 **York Sample ID:** 24B1304-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1304	100688802	Water	February 22, 2024 3:00 pm	02/22/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00408	0.00408	1	EPA 8081B	02/26/2024 13:20	02/27/2024 19:52	TAH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0510	1	EPA 8082A	02/26/2024 13:20	02/27/2024 16:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0510	1	EPA 8082A	02/26/2024 13:20	02/27/2024 16:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0510	1	EPA 8082A	02/26/2024 13:20	02/27/2024 16:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0510	1	EPA 8082A	02/26/2024 13:20	02/27/2024 16:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0510	1	EPA 8082A	02/26/2024 13:20	02/27/2024 16:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0510	1	EPA 8082A	02/26/2024 13:20	02/27/2024 16:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0510	1	EPA 8082A	02/26/2024 13:20	02/27/2024 16:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0510	1	EPA 8082A	02/26/2024 13:20	02/27/2024 16:58	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.0 %*	*30-150*

Barium by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	ND		ug/L	1.11	1	EPA 6020B	02/28/2024 08:46	02/29/2024 14:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Cadmium by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: FB02_20240222 **York Sample ID:** 24B1304-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1304	100688802	Water	February 22, 2024 3:00 pm	02/22/2024

Cadmium by EPA 6020

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	02/28/2024 08:46	02/29/2024 14:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6020

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		ug/L	1.11	1	EPA 6020B	02/28/2024 08:46	02/29/2024 14:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6020

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	02/28/2024 08:46	02/29/2024 14:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6020

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B	02/28/2024 08:46	02/29/2024 14:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6020

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**16.6**		ug/L	1.11	1	EPA 6020B	02/28/2024 08:46	02/29/2024 14:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/29/2024 08:36	02/29/2024 08:36	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BB41533 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24B1304-01	LSB16_3_W7.5_19.5-21.5	02/23/24
24B1304-01	LSB16_3_W7.5_19.5-21.5	02/23/24
24B1304-09	LSB16_3E7.5_19.5-21.5	02/23/24
24B1304-09	LSB16_3E7.5_19.5-21.5	02/23/24
BB41533-BLK1	Blank	02/23/24
BB41533-BLK2	Blank	02/23/24
BB41533-BS1	LCS	02/23/24
BB41533-BS2	LCS	02/23/24
BB41533-MS1	Matrix Spike	02/23/24
BB41533-MS2	Matrix Spike	02/23/24
BB41533-MSD1	Matrix Spike Dup	02/23/24
BB41533-MSD2	Matrix Spike Dup	02/23/24

Batch ID: BB41664 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24B1304-32	FB02_20240222	02/26/24
24B1304-32	FB02_20240222	02/26/24
BB41664-BLK1	Blank	02/26/24
BB41664-BLK2	Blank	02/26/24
BB41664-BS1	LCS	02/26/24
BB41664-BS2	LCS	02/26/24
BB41664-BSD2	LCS Dup	02/26/24

Batch ID: BB41694 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24B1304-01	LSB16_3_W7.5_19.5-21.5	02/26/24
24B1304-09	LSB16_3E7.5_19.5-21.5	02/26/24
24B1304-17	LSB18_3_19.5-21.5	02/26/24
24B1304-20	LSB18_3_E7.5_16.5-18.5	02/26/24
24B1304-24	LSB18_3_W7.5_16.5-18.5	02/26/24
BB41694-BLK1	Blank	02/26/24
BB41694-DUP1	Duplicate	02/26/24
BB41694-MS1	Matrix Spike	02/26/24
BB41694-PS1	Post Spike	02/26/24
BB41694-SRM1	Reference	02/26/24

Batch ID: BB41802 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
24B1304-01	LSB16_3_W7.5_19.5-21.5	02/28/24
24B1304-09	LSB16_3E7.5_19.5-21.5	02/28/24
24B1304-17	LSB18_3_19.5-21.5	02/28/24

24B1304-20	LSB18_3_E7.5_16.5-18.5	02/28/24
24B1304-24	LSB18_3_W7.5_16.5-18.5	02/28/24
BB41802-DUP1	Duplicate	02/28/24

Batch ID: BB41822 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
24B1304-32	FB02_20240222	02/28/24
BB41822-BLK1	Blank	02/28/24
BB41822-BS1	LCS	02/28/24
BB41822-DUP1	Duplicate	02/28/24
BB41822-MS1	Matrix Spike	02/28/24

Batch ID: BB41906 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24B1304-32	FB02_20240222	02/29/24
BB41906-BLK1	Blank	02/29/24
BB41906-BLK2	Blank	02/29/24
BB41906-BS1	LCS	02/29/24
BB41906-BS2	LCS	02/29/24

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41533 - EPA 3550C											
Blank (BB41533-BLK1) Blank									Prepared: 02/23/2024 Analyzed: 02/24/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
Surrogate: Decachlorobiphenyl	*0.0312*		"	*0.0664*		*46.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0231*		"	*0.0664*		*34.7*	*30-150*				
LCS (BB41533-BS1) LCS									Prepared: 02/23/2024 Analyzed: 02/26/2024		
4,4'-DDD	0.0219	0.00164	mg/kg wet	0.0332		65.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0545*		"	*0.0664*		*82.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0462*		"	*0.0664*		*69.5*	*30-150*				
Matrix Spike (BB41533-MS1) Matrix Spike *Source sample: 24B1297-01 (Matrix Spike)									Prepared: 02/23/2024 Analyzed: 02/24/2024		
4,4'-DDD	0.0232	0.00167	mg/kg dry	0.0337	ND	69.1	30-150				
Surrogate: Decachlorobiphenyl	*0.0507*		"	*0.0673*		*75.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0416*		"	*0.0673*		*61.7*	*30-150*				
Matrix Spike Dup (BB41533-M Matrix Spike Dup *Source sample: 24B1297-01 (Matrix Spike Dup)									Prepared: 02/23/2024 Analyzed: 02/24/2024		
4,4'-DDD	0.0176	0.00168	mg/kg dry	0.0340	ND	51.7	30-150		27.7	30	
Surrogate: Decachlorobiphenyl	*0.0399*		"	*0.0680*		*58.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0338*		"	*0.0680*		*49.8*	*30-150*				
Batch BB41664 - EPA SW846-3510C Low Level											
Blank (BB41664-BLK1) Blank									Prepared: 02/26/2024 Analyzed: 02/27/2024		
4,4'-DDD	ND	0.00400	ug/L								
Surrogate: Decachlorobiphenyl	*0.116*		"	*0.200*		*57.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0977*		"	*0.200*		*48.8*	*30-150*				
LCS (BB41664-BS1) LCS									Prepared: 02/26/2024 Analyzed: 02/29/2024		
4,4'-DDD	0.0701	0.00400	ug/L	0.100		70.1	40-140			20	
Surrogate: Decachlorobiphenyl	*0.147*		"	*0.200*		*73.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0804*		"	*0.200*		*40.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41533 - EPA 3550C											
Blank (BB41533-BLK2) Blank								Prepared: 02/23/2024 Analyzed: 02/24/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0279*		*"*	*0.0664*		*42.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0203*		*"*	*0.0664*		*30.5*	*30-120*				
LCS (BB41533-BS2) LCS								Prepared: 02/23/2024 Analyzed: 02/24/2024			
Aroclor 1016	0.216	0.0166	mg/kg wet	0.332		64.9	40-130				
Aroclor 1260	0.180	0.0166	"	0.332		54.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0425*		*"*	*0.0664*		*64.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0286*		*"*	*0.0664*		*43.0*	*30-120*				
Matrix Spike (BB41533-MS2) Matrix Spike *Source sample: 24B1297-01 (Matrix Spike)								Prepared: 02/23/2024 Analyzed: 02/26/2024			
Aroclor 1016	0.0855	0.0170	mg/kg dry	0.341	ND	25.1	40-140	Low Bias			
Aroclor 1260	0.133	0.0170	"	0.341	ND	39.1	40-140	Low Bias			
Surrogate: Tetrachloro-m-xylene	*0.0512*		*"*	*0.0682*		*75.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0331*		*"*	*0.0682*		*48.5*	*30-120*				
Matrix Spike Dup (BB41533-M Matrix Spike Dup *Source sample: 24B1297-01 (Matrix Spike Dup)								Prepared: 02/23/2024 Analyzed: 02/26/2024			
Aroclor 1016	0.0244	0.0170	mg/kg dry	0.341	ND	7.16	40-140	Low Bias	111	50	Non-dir.
Aroclor 1260	0.0775	0.0170	"	0.341	ND	22.7	40-140	Low Bias	52.9	50	Non-dir.
Surrogate: Tetrachloro-m-xylene	*0.0409*		*"*	*0.0682*		*60.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0273*		*"*	*0.0682*		*40.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41664 - EPA SW846-3510C Low Level											
Blank (BB41664-BLK2) Blank									Prepared: 02/26/2024 Analyzed: 02/27/2024		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0730*		*"*	*0.200*		*36.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0810*		*"*	*0.200*		*40.5*	*30-150*				
LCS (BB41664-BS2) LCS									Prepared: 02/26/2024 Analyzed: 02/27/2024		
Aroclor 1016	0.440	0.0500	ug/L	1.00		44.0	40-120			20	
Aroclor 1260	0.452	0.0500	"	1.00		45.2	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0780*		*"*	*0.200*		*39.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.120*		*"*	*0.200*		*60.0*	*30-150*				
LCS Dup (BB41664-BSD2) LCS Dup									Prepared: 02/26/2024 Analyzed: 02/27/2024		
Aroclor 1016	0.515	0.0500	ug/L	1.00		51.5	40-120		15.6	20	
Aroclor 1260	0.502	0.0500	"	1.00		50.2	40-120		10.4	20	
Surrogate: Tetrachloro-m-xylene	*0.0870*		*"*	*0.200*		*43.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.140*		*"*	*0.200*		*70.0*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41694 - EPA 3050B											
Blank (BB41694-BLK1) Blank									Prepared: 02/26/2024 Analyzed: 02/29/2024		
Barium	ND	1.73	mg/kg wet								
Copper	ND	1.39	"								
Lead	ND	0.348	"								
Zinc	ND	1.73	"								
Duplicate (BB41694-DUP1) Duplicate	*Source sample: 24B1424-01 (Duplicate)								Prepared: 02/26/2024 Analyzed: 02/29/2024		
Barium	241	2.55	mg/kg dry		209				14.2	35	
Copper	139	2.04	"		130				6.19	35	
Lead	346	0.510	"		314				9.74	35	
Zinc	298	2.54	"		273				8.75	35	
Matrix Spike (BB41694-MS1) Matrix Spike	*Source sample: 24B1424-01 (Matrix Spike)								Prepared: 02/26/2024 Analyzed: 02/29/2024		
Barium	450	2.55	mg/kg dry	245	209	98.7	75-125				
Copper	168	2.04	"	30.6	130	122	75-125				
Lead	384	0.510	"	61.2	314	114	75-125				
Zinc	337	2.54	"	61.2	273	105	75-125				
Post Spike (BB41694-PS1) Post Spike	*Source sample: 24B1424-01 (Post Spike)								Prepared: 02/26/2024 Analyzed: 02/29/2024		
Barium	3.70		ug/mL	2.00	1.71	99.7	75-125				
Copper	1.32		mg/L	0.250	1.07	102	75-125				
Lead	3.03		ug/mL	0.500	2.56	94.1	75-125				
Zinc	2.66		mg/L	0.500	2.23	86.9	75-125				
Reference (BB41694-SRM1) Reference									Prepared: 02/26/2024 Analyzed: 02/29/2024		
Barium	402	1.73	mg/kg wet	445		90.4	77.9-110.8				
Copper	218	1.39	"	239		91.1	75.3-105.9				
Lead	231	0.348	"	275		84.1	74.2-108				
Zinc	241	1.73	"	286		84.2	75.9-111.5				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41822 - EPA 3015A											
Blank (BB41822-BLK1) Blank									Prepared: 02/28/2024 Analyzed: 03/01/2024		
Barium	ND	1.11	ug/L								
Cadmium	ND	0.556	"								
Copper	ND	1.11	"								
Lead	ND	1.11	"								
Nickel	ND	1.11	"								
Zinc	ND	1.11	"								
LCS (BB41822-BS1) LCS									Prepared: 02/28/2024 Analyzed: 02/29/2024		
Barium	52.2		ug/L	50.0		104	80-120				
Cadmium	44.9		"	50.0		89.9	80-120				
Copper	49.6		"	50.0		99.1	80-120				
Lead	53.0		"	50.0		106	80-120				
Nickel	48.6		"	50.0		97.1	80-120				
Zinc	59.7		"	50.0		119	80-120				
Duplicate (BB41822-DUP1) Duplicate *Source sample: 24B1304-32 (FB02_20240222)									Prepared: 02/28/2024 Analyzed: 02/29/2024		
Barium	ND	1.11	ug/L		ND					20	
Cadmium	ND	0.556	"		ND					20	
Copper	ND	1.11	"		ND					20	
Lead	ND	1.11	"		ND					20	
Nickel	ND	1.11	"		ND					20	
Zinc	19.5	1.11	"		16.6				16.2	20	
Matrix Spike (BB41822-MS1) Matrix Spike *Source sample: 24B1304-32 (FB02_20240222)									Prepared: 02/28/2024 Analyzed: 02/29/2024		
Barium	51.2		ug/L	50.0	0.363	102	75-125				
Cadmium	43.1		"	50.0	0.005	86.2	75-125				
Copper	50.8		"	50.0	0.808	100	75-125				
Lead	51.6		"	50.0	0.046	103	75-125				
Nickel	48.0		"	50.0	0.174	95.6	75-125				
Zinc	62.9		"	50.0	14.9	96.0	75-125				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41906 - EPA SW846-7470A											
Blank (BB41906-BLK1) Blank								Prepared & Analyzed: 02/29/2024			
Mercury	ND	0.0002	mg/L								
Blank (BB41906-BLK2) Blank								Prepared & Analyzed: 02/29/2024			
Mercury	ND	0.0002	mg/L								
LCS (BB41906-BS1) LCS								Prepared & Analyzed: 02/29/2024			
Mercury	0.0018399	0.0002	mg/L	0.00200		92.0	80-120				
LCS (BB41906-BS2) LCS								Prepared & Analyzed: 02/29/2024			
Mercury	0.0021526	0.0002	mg/L	0.00200		108	80-120				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41802 - % Solids Prep											
Duplicate (BB41802-DUP1) Duplicate	*Source sample: 24B1270-16 (Duplicate)							Prepared & Analyzed: 02/28/2024			
% Solids	87.3	0.100	%		88.5				1.36	20	

Sample and Data Qualifiers Relating to This Work Order

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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YORK Project No. 24B1304

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YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973-560-4900	Phone.:	Phone.:
Contact: Lauren Koff	Contact:	Contact:
E-mail: lkoff@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 1096 Flatlands

YOUR PO#:

Turn-Around Time

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

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; CMDP; Standard Excel EDD; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; Other: ASP-B; EQuIS (Standard); NYSDEC EQuIS; NJDKQP; NJDEP SRP HazSite

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB16-3-W7.5-19.5-21.5	S	0745	Metals, PCBs, Pesticides		
-22.5-24.5 *		0750			
-24.5-26.5 *		0751			
-26.5-28.5 *		0800			
LSB16-3-W15-19.5-21.5 *		0850			
-22.5-24.5 *		0855			
-24.5-26.5 *		0856			
-26.5-28.5 *		0900			
LSB16-3E7.5-19.5-21.5		0930			
-22.5-24.5 *		0932			

Comments: * Please Hold Samples

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
RB	2/22/24 1450	Ramon Duran	2/22/24 1450	Ramon Duran	2/22/24 20:15
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time: 2/22/24 20:15 — Temperature: 5.9 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24B1304

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YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973 560-4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: LKott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB16-3_E7.5-24.5-26.5 *	S	2/22 0940	Metals, PCBs, Pesticides (Cyanide, Reactivity)		
-26.5-28.5 *		0944	RB		
LSB16-3_E15-19.5-21.5 *		1030			
-22.5-24.5 *		1040			
-24.5-26.5 *		1045			
-26.5-28.5 *		1050			

RB

RB

Comments: * Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	2/22/24 1454	Ramon Duran	2/22/24 1457	Ramon Duran	2/22/24 20:15
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					2/22/24 20:15 5.9 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24B1304

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Page 3 of 41

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973-560-4900	Phone.:	Phone.:
Contact: lauren kotl	Contact:	Contact:
E-mail: lkotl@langan.com	E-mail:	E-mail:

YOUR Project Number: 10088802

YOUR Project Name: 2096 Flatland

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid | GW - groundwater | DW - drinking water | WW - wastewater | O - Oil | Other

Samples From

New York X | New Jersey | Connecticut | Pennsylvania | Other:

Report / EDD Type (circle selections)

Summary Report | QA Report | CMDP | Standard Excel EDD | NY ASP B Package | CT RCP | CT RCP DQA/DUE | NJDEP Reduced Deliverables | Other: ASP-B | EQuIS (Standard) | NYSDEC EQuIS | NJDKQP | NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB18-3-19.5-21.5	S	2/22 1145	Metals, ~~cyanide, hexchr~~	RB	
-21.5-23.5 *		1150			
-23.5-25.5 *		1155			
LSB18-3-E7.5-16.5-18.5		1210			
-19.5-21.5 *		1215			
-21.5-23.5 *		1220			
-23.5-25.5 *		1222			
LSB18-3-W7.5-16.5-18.5		1257			
-19.5-21.5 *		1300			
-21.5-23.5 *		1302			

Comments: * Please Hold Samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered | Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	1450	Ramon Duran	2/22/24 1450	Ramon Duran	2/22/24 20:15
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	2/22/24 20:15 / 5.9 Degrees C

Field Chain-of-Custody Record

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YORK Project No.: 24B1304

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973-560-4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688803

YOUR Project Name: 12096 Flatlands Av.

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day): X

PFAS Standard is 7-10 Days

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

Rob Bandiera

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

- New York: X
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB18-3-W7.5-23.5-25.5 *	S	2/22 1305	Metals, ~~cyanide~~, hexachrom	RB	
LSB18-3-E15-16.5-18.5 *		1345			
-19.5-21.5 *		1348			
-21.5-23.5 *		1405 ~~1355~~			
-23.5-25.5 *		1440			
FB02-20240222	AQ	2/22	Metals, pesticides, PCBs, ~~cyanide~~, ~~hexachrom~~	RB	

Comments: * Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	1450	Ramon Duran	2/22/24 1450	Ramon Duran	2/22/24 20:15
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					2/22/24 20:15 / 5.9 Degrees C

YORK — Field Chain-of-Custody Record

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YORK Project No.: 24B1304

Page 1 of 4

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Dr. Parsippany NJ 07054	Address:	Address:
Phone.: 973-560-4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 1096 Flatlands

YOUR PO#:

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) ☑
- PFAS Standard is 7-10 Days

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

Rob Bando

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; CT RCP; EQuIS (Standard); QA Report; CT RCP DQA/DUE; NYSDEC EQuIS; CMDP; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; NJDEP SRP HazSite; NY ASP B Package; Other: ASP-B

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB16-3-W7.5-19.5-21.5	S	0745	Lead, PCBs, Pesticides		
-22.5-24.5 *		0750			
-24.5-26.5 *		0755			
-26.5-28.5 *		0800			
LSB16-3-W15-19.5-21.5 *		0850			
-22.5-24.5 *		0855			
-24.5-26.5 *		0856			
-26.5-28.5 *		0900			
LSB16-3E7.5-19.5-21.5		0930			
-22.5-24.5 *		0935			

Comments: * Please Hold Samples

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company: RK	Date/Time: 2/22/24 1450	1. Samples Received by / Company: Roman Duran	Date/Time: 2/22/24 1450
2. Samples Received by / Company:	Date/Time:	2. Samples Relinquished by / Company: R. Driesen for Roman Duran	Date/Time: 2/22/24 20:15
3. Samples Relinquished by / Company:	Date/Time:	3. Samples Received by / Company:	Date/Time:
4. Samples Relinquished by / Company:	Date/Time:	4. Samples Received by / Company:	Date/Time:

Samples Received in LAB by: RD — **Date/Time:** 2/22/24 20:15 — **Temperature:** 5.9 Degrees C

YORK — Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project No.: 24B1304

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973 560-4900	Phone.:	Phone.:
Contact: Lauren Kolt	Contact:	Contact:
E-mail: LKolt@langan.com	E-mail:	E-mail:

YOUR Project Number: 10068802

YOUR Project Name: 12096 Flatlands

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) [X]

PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York [X]
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB16-3_E7.5-24.5-26.5 *	S	2/22 0940	Lead, PCBs, Pesticides		
-26.5-28.5 *		0944			
LSB16-3_E15-19.5-21.5 *		1030			
-22.5-24.5 *		1040			
-24.5-26.5 *		1045			
-26.5-28.5 *		1050			

Comments: * Please HOLD samples

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instructi

Field Filtered
Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	2/22/24 1451	Ramon Duran	2/22/24 1457	R. Onesch for Ramon Duran	2/22/24 20:15
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
		4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp
				[signature]	2/22/24 20:15 / 5.9

YORK — Field Chain-of-Custody Record

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YORK Project No.: 24B1304

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

Page 3 of 4

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973-560-4900	Phone.:	Phone.:
Contact: Lauren Koth	Contact:	Contact:
E-mail: lkoth@langan.com	E-mail:	E-mail:

YOUR Project Number: 10088802

YOUR Project Name: 12096 Flatlands

YOUR PO#:

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) [X]
- PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes
- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From
- New York [X]
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)
- Summary Report | CT RCP | EQuIS (Standard)
- QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
- CMDP | NJDEP Reduced | NJDKQP
- Standard Excel EDD | Deliverables | NJDEP SRP HazSite
- NY ASP B Package | Other: ASP-B

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB18-3-19.5-21.5	S	2/22 1145	Barium, Copper, Lead, Zinc	RB	
-21.5-23.5		1150			
-23.5-25.5		1155			
LSB18-3-E7.5-16.5-18.5		1210			
-19.5-21.5		1215			
-21.5-23.5		1220			
-23.5-25.5		1222			
LSB18-3-W7.5-16.5-18.5		1257			
-19.5-21.5		1300			
-21.5-23.5		1302			

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

Special Instructi
- Field Filtered
- Lab to Filter

Comments: Please Hold Samples

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time 1450	1. Samples Received by / Company: Raman Duran	Date/Time 2/22/24 1450
2. Samples Relinquished by / Company	Date/Time	2. Samples Relinquished by / Company: R. Driesen for Raman Duran 2/22/24	Date/Time 20:15
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time
	Date/Time	4. Samples Received by / Company	Date/Time
		Samples Received in LAB by: 2/22/24 20:15	Date/Time

YORK ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

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Your signature binds you to YORK's Standard Terms & Conditions.

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

YORK Project No.: 24B1304

Page 4 of 4

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973-560-4900	Phone.:	Phone.:
Contact: Lauren Kotl	Contact:	Contact:
E-mail: lkotl@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688803

YOUR Project Name: 12096 Flatlands Ave.

YOUR PO#:

Turn-Around Time

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

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

Rob Bardsley

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced | NJDKQP
Standard Excel EDD | Deliverables | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB18-3-W7.5-23.5 25 5 *	S	2/22 1305	Barium, Copper, Lead, Zinc	RB	5
LSB18-3-E15-16.5-18.5 *		1345			
-19.5-21.5 *		1348			
-21.5-23.5 *		1405 ~~1355~~			
-23.5-25.5 *		1440			
FB02-20240222	AQ	2/22	Metals, Pesticides, PCBs, ~~cyanide, hexachrom~~	RB	

Comments: * Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	1450	Raman Duran	2/22/24 1450	R. Driesen for Raman Duran	2/22/24 2015
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by [signature]	Date/Time 2/22/24 2015 Temperature 5.9 Degrees C

Samples Received in LAB by

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 03/04/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1398

Report Date: 03/04/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1398

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 23, 2024 and listed below. The project was identified as your project: **100688802**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24B1398-01	LSB18_3_S7.5_16.5-18.5	Soil	02/23/2024	02/23/2024
24B1398-13	LSB18_3_W7.5_16.5-18.5	Soil	02/23/2024	02/23/2024
24B1398-21	LSB20_3_18-20	Soil	02/23/2024	02/23/2024
24B1398-24	LSB20_3_N7.5_15-17	Soil	02/23/2024	02/23/2024
24B1398-28	DUP15_20240223	Soil	02/23/2024	02/23/2024
24B1398-29	LSB20_3_N15_15-17	Soil	02/23/2024	02/23/2024
24B1398-30	LSB20_3_N15_18-20	Soil	02/23/2024	02/23/2024
24B1398-33	LSB20_3_E7.5_16-18	Soil	02/23/2024	02/23/2024

General Notes for York Project (SDG) No.: 24B1398

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

Approved By **Date:** 03/04/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: LSB18_3_S7.5_16.5-18.5 **York Sample ID:** 24B1398-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1398	100688802	Soil	February 23, 2024 7:30 am	02/23/2024

Barium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**276**		mg/kg dry	3.42	1	EPA 6010D	02/25/2024 11:53	02/27/2024 18:12	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**225**		mg/kg dry	2.74	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**781**		mg/kg dry	0.686	1	EPA 6010D	02/25/2024 11:53	02/27/2024 18:12	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**390**		mg/kg dry	3.41	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**50.6**		%	0.100	1	SM 2540G	02/26/2024 10:26	02/26/2024 17:38	CAM2
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB18_3_W7.5_16.5-18.5 **York Sample ID:** 24B1398-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1398	100688802	Soil	February 23, 2024 10:20 am	02/23/2024

Barium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**9.49**		mg/kg dry	2.14	1	EPA 6010D	02/25/2024 11:53	02/27/2024 18:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**7.15**		mg/kg dry	1.71	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**5.71**		mg/kg dry	0.428	1	EPA 6010D	02/25/2024 11:53	02/27/2024 18:15	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**16.8**		mg/kg dry	2.13	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.2**		%	0.100	1	SM 2540G	02/26/2024 10:25	02/26/2024 17:30	CAM2
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB20_3_18-20 **York Sample ID:** 24B1398-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1398	100688802	Soil	February 23, 2024 12:22 pm	02/23/2024

Cadmium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.263	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**14.2**		mg/kg dry	0.873	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**19.1**		mg/kg dry	2.18	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.2**		%	0.100	1	SM 2540G	02/29/2024 07:38	02/29/2024 15:31	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB20_3_N7.5_15-17 **York Sample ID:** 24B1398-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1398	100688802	Soil	February 23, 2024 12:55 pm	02/23/2024

Cadmium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.258	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**17.3**		mg/kg dry	0.857	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**18.1**		mg/kg dry	2.14	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.7**		%	0.100	1	SM 2540G	02/29/2024 07:38	02/29/2024 15:31	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: DUP15_20240223 **York Sample ID:** 24B1398-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1398	100688802	Soil	February 23, 2024 12:22 pm	02/23/2024

Cadmium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.256	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**16.6**		mg/kg dry	0.848	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**16.3**		mg/kg dry	2.12	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.5**		%	0.100	1	SM 2540G	02/29/2024 07:38	02/29/2024 15:31	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB20_3_N15_15-17 **York Sample ID:** 24B1398-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1398	100688802	Soil	February 23, 2024 1:45 pm	02/23/2024

Cadmium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.259	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**18.8**		mg/kg dry	0.861	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**41.3**		mg/kg dry	2.15	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.4**		%	0.100	1	SM 2540G	02/29/2024 07:38	02/29/2024 15:31	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB20_3_N15_18-20 **York Sample ID:** 24B1398-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1398	100688802	Soil	February 23, 2024 1:52 pm	02/23/2024

Cadmium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.268	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**18.0**		mg/kg dry	0.890	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**21.5**		mg/kg dry	2.22	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.7**		%	0.100	1	SM 2540G	02/29/2024 07:38	02/29/2024 15:31	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB20_3_E7.5_16-18 **York Sample ID:** 24B1398-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1398	100688802	Soil	February 23, 2024 2:15 pm	02/23/2024

Cadmium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.260	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**12.5**		mg/kg dry	0.862	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**16.4**		mg/kg dry	2.16	1	EPA 6010D	02/26/2024 19:14	03/01/2024 11:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.2**		%	0.100	1	SM 2540G	02/29/2024 07:38	02/29/2024 15:31	sgs
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BB41593 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24B1398-01	LSB18_3_S7.5_16.5-18.5	02/25/24
24B1398-13	LSB18_3_W7.5_16.5-18.5	02/25/24
BB41593-BLK1	Blank	02/25/24
BB41593-DUP1	Duplicate	02/25/24
BB41593-MS1	Matrix Spike	02/25/24
BB41593-PS1	Post Spike	02/25/24
BB41593-SRM1	Reference	02/25/24

Batch ID: BB41648 **Preparation Method:** % Solids Prep **Prepared By:** CAM2

YORK Sample ID	Client Sample ID	Preparation Date
24B1398-13	LSB18_3_W7.5_16.5-18.5	02/26/24
BB41648-DUP1	Duplicate	02/26/24

Batch ID: BB41650 **Preparation Method:** % Solids Prep **Prepared By:** CAM2

YORK Sample ID	Client Sample ID	Preparation Date
24B1398-01	LSB18_3_S7.5_16.5-18.5	02/26/24
BB41650-DUP1	Duplicate	02/26/24

Batch ID: BB41695 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24B1398-01	LSB18_3_S7.5_16.5-18.5	02/26/24
24B1398-13	LSB18_3_W7.5_16.5-18.5	02/26/24
24B1398-21	LSB20_3_18-20	02/26/24
24B1398-24	LSB20_3_N7.5_15-17	02/26/24
24B1398-28	DUP15_20240223	02/26/24
24B1398-29	LSB20_3_N15_15-17	02/26/24
24B1398-30	LSB20_3_N15_18-20	02/26/24
24B1398-33	LSB20_3_E7.5_16-18	02/26/24
BB41695-BLK1	Blank	02/26/24
BB41695-DUP1	Duplicate	02/26/24
BB41695-MS1	Matrix Spike	02/26/24
BB41695-PS1	Post Spike	02/26/24
BB41695-SRM1	Reference	02/26/24

Batch ID: BB41886 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
24B1398-21	LSB20_3_18-20	02/29/24
24B1398-24	LSB20_3_N7.5_15-17	02/29/24
24B1398-28	DUP15_20240223	02/29/24

24B1398-29	LSB20_3_N15_15-17	02/29/24
24B1398-30	LSB20_3_N15_18-20	02/29/24
24B1398-33	LSB20_3_E7.5_16-18	02/29/24
BB41886-DUP1	Duplicate	02/29/24

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41593 - EPA 3050B											
Blank (BB41593-BLK1) Blank								Prepared: 02/25/2024 Analyzed: 02/27/2024			
Barium	ND	1.73	mg/kg wet								
Lead	ND	0.348	"								
Duplicate (BB41593-DUP1) Duplicate	*Source sample: 24B1404-34 (Duplicate)							Prepared: 02/25/2024 Analyzed: 02/27/2024			
Barium	67.3	1.89	mg/kg dry		21.3				104	35	Non-dir.
Lead	155	0.379	"		27.2				140	35	Non-dir.
Matrix Spike (BB41593-MS1) Matrix Spike	*Source sample: 24B1404-34 (Matrix Spike)							Prepared: 02/25/2024 Analyzed: 02/27/2024			
Barium	226	1.89	mg/kg dry	182	21.3	113	75-125				
Lead	98.6	0.379	"	45.4	27.2	157	75-125	High Bias			
Post Spike (BB41593-PS1) Post Spike	*Source sample: 24B1404-34 (Post Spike)							Prepared: 02/25/2024 Analyzed: 02/27/2024			
Barium	2.33		ug/mL	2.00	0.234	105	75-125				
Lead	0.797		"	0.500	0.300	99.5	75-125				
Reference (BB41593-SRM1) Reference								Prepared: 02/25/2024 Analyzed: 02/27/2024			
Barium	423	1.73	mg/kg wet	445		95.1	77.9-110.8				
Lead	250	0.348	"	275		90.8	74.2-108				
Batch BB41695 - EPA 3050B											
Blank (BB41695-BLK1) Blank								Prepared: 02/26/2024 Analyzed: 03/01/2024			
Cadmium	ND	0.208	mg/kg wet								
Copper	ND	1.39	"								
Nickel	ND	0.692	"								
Zinc	ND	1.73	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41695 - EPA 3050B											
Duplicate (BB41695-DUP1) Duplicate	*Source sample: 24B1411-36 (Duplicate)									Prepared: 02/26/2024 Analyzed: 03/01/2024	
Cadmium	ND	0.214	mg/kg dry		ND					35	
Copper	21.5	1.43	"		25.6				17.2	35	
Nickel	64.2	0.711	"		67.4				4.82	35	
Zinc	36.0	1.78	"		30.6				16.4	35	
Matrix Spike (BB41695-MS1) Matrix Spike	*Source sample: 24B1411-36 (Matrix Spike)									Prepared: 02/26/2024 Analyzed: 03/01/2024	
Cadmium	3.87	0.214	mg/kg dry	4.29	ND	90.4	75-125				
Copper	67.3	1.43	"	21.4	25.6	195	75-125	High Bias			
Nickel	216	0.711	"	42.9	67.4	346	75-125	High Bias			
Zinc	77.4	1.78	"	42.9	30.6	109	75-125				
Post Spike (BB41695-PS1) Post Spike	*Source sample: 24B1411-36 (Post Spike)									Prepared: 02/26/2024 Analyzed: 03/01/2024	
Cadmium	0.0491		ug/mL	0.0500	-0.00179	98.1	75-125				
Copper	0.561		mg/L	0.250	0.298	105	75-125				
Nickel	1.28		"	0.500	0.786	98.8	75-125				
Zinc	0.842		"	0.500	0.357	97.0	75-125				
Reference (BB41695-SRM1) Reference										Prepared: 02/26/2024 Analyzed: 03/01/2024	
Cadmium	186	0.208	mg/kg wet	226		82.2	88.1-104.9	Low Bias			
Copper	221	1.39	"	239		92.4	75.3-105.9				
Nickel	102	0.692	"	118		86.7	72-104.2				
Zinc	250	1.73	"	286		87.4	75.9-111.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41648 - % Solids Prep											
Duplicate (BB41648-DUP1) Duplicate	*Source sample: 24B1404-36 (Duplicate)								Prepared & Analyzed: 02/26/2024		
% Solids	91.9	0.100	%		91.7				0.118	20	
Batch BB41650 - % Solids Prep											
Duplicate (BB41650-DUP1) Duplicate	*Source sample: 24B1398-01 (LSB18_3_S7.5_16.5-18.5)								Prepared & Analyzed: 02/26/2024		
% Solids	49.5	0.100	%		50.6				2.24	20	
Batch BB41886 - % Solids Prep											
Duplicate (BB41886-DUP1) Duplicate	*Source sample: 24B1399-03 (Duplicate)								Prepared & Analyzed: 02/29/2024		
% Solids	95.9	0.100	%		95.9				0.00110	20	

Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 24B1398

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

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address: SAME
Phone.: 973-560-4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail: SAME

YOUR Project Number: 100688807

YOUR Project Name: 12096 Flatlands/Ne

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB18_3_S7.5_16.5-18.5	S	2/23 0730	Barium Copper Lead Zinc		
_19.5-21.5 *		0730			
_21.5-23.5 *		0735			
_23.5-25.5 *		0740			
LSB18_3_S15_16.5-18.5 *		0815			
_19.5-21.5 *		0820			
_21.5-23.5 *		0825			
_23.5-25.5 *		0835			
LSB18_3_W15_16.5-18.5 *		0910			
_19.5-21.5 *		0915			

Comments: * Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Langan	2/23/24	Marcel York	2.23.24 2:41	Marcel York	2.23.24 17:40
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
CH	2/23/24 17:40	CH	2/23/24 20:00		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				CH	2/23/24 20:00 / 1.7 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 24B1398

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

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address: SAME
Phone.: 973-560-4900	Phone.:	Phone:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail: SAME

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** [X]

PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York [X]
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB18_3_W15_21.5-23.5 *	S	2/23 0920	Barium, copper, lead, zinc		
LSB18-3_W15_23.5-25.5 *		0935			
LSB18-3_N7.5_16.5-18.5		1020			
_19.5-21.5 *		1025			
_21.5-23.5 *		1045			
_23.5-25.5 *		1050			
LSB18_3_N15_16.5-18.5 *		1120			
_19.5-21.5 *		1130			
_21.5-23.5 *		1131			
_23.5-25.5 *		1135			

Comments: * Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Langan	2/23/24	Marcel / York	2.23.24 2:41	Marcel / York	2.23.24 17:40
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	2/23/24 17:40		2/23/24 20:00		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					2/23/24 20:00 1.7 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project No.: 24B1398

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address:	Address:
Phone.: 973-560-4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** ✓

PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB20-3-18-20	S	2/23 1222	Cadmium, Nickel, Zinc		
-20-22 *		1225			
-22-24 *		1226			
LSB20-3-N7.5-15-17		1255			
-18-20 *		1257			
-20-22 *		1306			
-22-24 *		1310			
DUP15-20240223		1222			
LSB20-3-N15-15-17		1345			
-18-20		1352			

Comments: * Please Hold samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
A. Bo Langan	2/23/24	Marcel York	2.23.24 2141	Marcel York	2.23.24 17:40
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
CH	2/23/24 17:40	CH	2/23/24 20:00		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				CH	2/23/24 20:00 1.7 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 24B1398

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

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973-560-4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatland, A

YOUR PO#:

Turn-Around Time

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

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

Rob Bardsley

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB20-3_N15_20-22 *	S	2/23 1354	cadmium, nickel, zinc		
-22-24 *		1355			
LSB20-3_E75_16-18		1415			
-18-20 *		1420			
-20-22 *		1435			
-22-24 *		1437			

Comments: *Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Langan	2/23/24	Marcel Lyon	2.23.24 2:41	Marcel Lyon	17:40 2.23.24
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
CH	2/23/24 17:40	CH	2/23/24 20:00		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				CH	2/23/24 20:00 / 1.7 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 03/05/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1462

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 03/05/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1462

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 26, 2024 and listed below. The project was identified as your project: **100688802**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24B1462-05	LSB20_3_S7.5_15-17	Soil	02/26/2024	02/26/2024
24B1462-13	LSB20_3_W7.5_16-18	Soil	02/26/2024	02/26/2024
24B1462-21	LSB26_3_23.5-25.5	Soil	02/26/2024	02/26/2024
24B1462-24	LSB26_3_S7.5_20.5-22.5	Soil	02/26/2024	02/26/2024
24B1462-32	LSB26_3_E7.5_20.5-22.5	Soil	02/26/2024	02/26/2024
24B1462-36	FB03_20240226	Water	02/26/2024	02/26/2024

General Notes for York Project (SDG) No.: 24B1462

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

Approved By **Date:** 03/05/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: LSB20_3_S7.5_15-17 **York Sample ID:** 24B1462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1462	100688802	Soil	February 26, 2024 8:24 am	02/26/2024

Cadmium by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.309	1	EPA 6010D	03/03/2024 11:32	03/05/2024 11:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**11.6**		mg/kg dry	0.856	1	EPA 6010D	03/03/2024 11:32	03/05/2024 11:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**12.4**		mg/kg dry	2.14	1	EPA 6010D	03/03/2024 11:32	03/05/2024 11:06	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.8**		%	0.100	1	SM 2540G	02/29/2024 17:48	02/29/2024 22:24	LRS
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB20_3_W7.5_16-18 **York Sample ID:** 24B1462-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1462	100688802	Soil	February 26, 2024 9:30 am	02/26/2024

Cadmium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.316	1	EPA 6010D	03/03/2024 11:32	03/05/2024 11:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**18.4**		mg/kg dry	0.876	1	EPA 6010D	03/03/2024 11:32	03/05/2024 11:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**58.6**		mg/kg dry	2.19	1	EPA 6010D	03/03/2024 11:32	03/05/2024 11:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.0**		%	0.100	1	SM 2540G	02/29/2024 17:48	02/29/2024 22:24	LRS
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB26_3_23.5-25.5 **York Sample ID:** 24B1462-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1462	100688802	Soil	February 26, 2024 11:15 am	02/26/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00201	5	EPA 8081B	02/27/2024 08:17	02/28/2024 02:46	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-150*

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**53.6**		mg/kg dry	1.71	1	EPA 6010D	03/01/2024 14:32	03/04/2024 19:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**108**	B	mg/kg dry	0.428	1	EPA 6010D	03/01/2024 14:32	03/04/2024 19:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**122**		mg/kg dry	2.13	1	EPA 6010D	03/01/2024 14:32	03/04/2024 19:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.2**		%	0.100	1	SM 2540G	02/29/2024 17:48	02/29/2024 22:24	LRS
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB26_3_S7.5_20.5-22.5 **York Sample ID:** 24B1462-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1462	100688802	Soil	February 26, 2024 12:01 pm	02/26/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	5	EPA 8081B	02/28/2024 14:08	02/29/2024 19:47	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.6 %*	*30-150*

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**40.0**		mg/kg dry	1.64	1	EPA 6010D	03/01/2024 14:32	03/04/2024 19:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**112**		mg/kg dry	0.410	1	EPA 6010D	02/27/2024 18:22	02/29/2024 09:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**75.7**		mg/kg dry	2.04	1	EPA 6010D	03/01/2024 14:32	03/04/2024 19:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.8**		%	0.100	1	SM 2540G	02/28/2024 07:34	02/28/2024 14:27	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB26_3_E7.5_20.5-22.5 **York Sample ID:** 24B1462-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1462	100688802	Soil	February 26, 2024 2:00 pm	02/26/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00202	5	EPA 8081B	02/27/2024 08:17	02/28/2024 03:04	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.2 %*	*30-150*

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**57.0**		mg/kg dry	1.74	1	EPA 6010D	03/01/2024 14:32	03/04/2024 19:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**304**	B	mg/kg dry	0.434	1	EPA 6010D	03/01/2024 14:32	03/04/2024 19:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**358**		mg/kg dry	2.16	1	EPA 6010D	03/01/2024 14:32	03/04/2024 19:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.0**		%	0.100	1	SM 2540G	02/29/2024 17:48	02/29/2024 22:24	LRS
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: FB03_20240226 **York Sample ID:** 24B1462-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1462	100688802	Water	February 26, 2024 3:00 pm	02/26/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B	02/27/2024 14:49	02/28/2024 12:27	TAH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.8 %*	*30-150*

Cadmium by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	03/01/2024 08:57	03/01/2024 16:52	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		ug/L	1.11	1	EPA 6020B	03/01/2024 08:57	03/01/2024 16:52	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	03/01/2024 08:57	03/01/2024 16:52	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		ug/L	1.11	1	EPA 6020B	03/01/2024 08:57	03/01/2024 16:52	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**12.4**		ug/L	1.11	1	EPA 6020B	03/01/2024 08:57	03/01/2024 16:52	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BB41715 **Preparation Method:** EPA 3550C **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
24B1462-21	LSB26_3_23.5-25.5	02/27/24
24B1462-32	LSB26_3_E7.5_20.5-22.5	02/27/24
BB41715-BLK1	Blank	02/27/24
BB41715-BS1	LCS	02/27/24
BB41715-MS1	Matrix Spike	02/27/24
BB41715-MSD1	Matrix Spike Dup	02/27/24

Batch ID: BB41778 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24B1462-36	FB03_20240226	02/27/24
BB41778-BLK1	Blank	02/27/24
BB41778-BS1	LCS	02/27/24

Batch ID: BB41789 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24B1462-24	LSB26_3_S7.5_20.5-22.5	02/27/24
BB41789-BLK1	Blank	02/27/24
BB41789-DUP1	Duplicate	02/27/24
BB41789-MS1	Matrix Spike	02/27/24
BB41789-PS1	Post Spike	02/27/24
BB41789-SRM1	Reference	02/27/24

Batch ID: BB41801 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
24B1462-24	LSB26_3_S7.5_20.5-22.5	02/28/24
BB41801-DUP1	Duplicate	02/28/24

Batch ID: BB41858 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24B1462-24	LSB26_3_S7.5_20.5-22.5	02/28/24
BB41858-BLK1	Blank	02/28/24
BB41858-BS1	LCS	02/28/24
BB41858-MS1	Matrix Spike	02/28/24
BB41858-MSD1	Matrix Spike Dup	02/28/24

Batch ID: BB41973 **Preparation Method:** % Solids Prep **Prepared By:** LRS

YORK Sample ID	Client Sample ID	Preparation Date

24B1462-05	LSB20_3_S7.5_15-17	02/29/24
24B1462-13	LSB20_3_W7.5_16-18	02/29/24
24B1462-21	LSB26_3_23.5-25.5	02/29/24
24B1462-32	LSB26_3_E7.5_20.5-22.5	02/29/24
BB41973-DUP1	Duplicate	02/29/24

Batch ID: BC40033 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
24B1462-36	FB03_20240226	03/01/24
BC40033-BLK1	Blank	03/01/24
BC40033-BS1	LCS	03/01/24
BC40033-DUP1	Duplicate	03/01/24
BC40033-MS1	Matrix Spike	03/01/24

Batch ID: BC40063 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24B1462-21	LSB26_3_23.5-25.5	03/01/24
24B1462-24	LSB26_3_S7.5_20.5-22.5	03/01/24
24B1462-32	LSB26_3_E7.5_20.5-22.5	03/01/24
BC40063-BLK1	Blank	03/01/24
BC40063-DUP1	Duplicate	03/01/24
BC40063-MS1	Matrix Spike	03/01/24
BC40063-PS1	Post Spike	03/01/24
BC40063-SRM1	Reference	03/01/24

Batch ID: BC40112 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24B1462-05	LSB20_3_S7.5_15-17	03/03/24
24B1462-13	LSB20_3_W7.5_16-18	03/03/24
BC40112-BLK1	Blank	03/03/24
BC40112-DUP1	Duplicate	03/03/24
BC40112-MS1	Matrix Spike	03/03/24
BC40112-PS1	Post Spike	03/03/24
BC40112-SRM1	Reference	03/03/24

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41715 - EPA 3550C											
Blank (BB41715-BLK1) Blank								Prepared & Analyzed: 02/27/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
Surrogate: Decachlorobiphenyl	*0.0630*		"	*0.0664*		*94.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0516*		"	*0.0664*		*77.7*	*30-150*				
LCS (BB41715-BS1) LCS								Prepared & Analyzed: 02/27/2024			
4,4'-DDD	0.0267	0.00164	mg/kg wet	0.0332		80.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0714*		"	*0.0664*		*108*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0597*		"	*0.0664*		*89.8*	*30-150*				
Matrix Spike (BB41715-MS1) Matrix Spike *Source sample: 24B1447-05 (Matrix Spike)								Prepared & Analyzed: 02/27/2024			
4,4'-DDD	0.0233	0.00170	mg/kg dry	0.0344	ND	67.7	30-150				
Surrogate: Decachlorobiphenyl	*0.0629*		"	*0.0688*		*91.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0506*		"	*0.0688*		*73.6*	*30-150*				
Matrix Spike Dup (BB41715-M Matrix Spike Dup *Source sample: 24B1447-05 (Matrix Spike Dup)								Prepared & Analyzed: 02/27/2024			
4,4'-DDD	0.0232	0.00170	mg/kg dry	0.0344	ND	67.6	30-150		0.177	30	
Surrogate: Decachlorobiphenyl	*0.0606*		"	*0.0688*		*88.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0492*		"	*0.0688*		*71.6*	*30-150*				
Batch BB41778 - EPA SW846-3510C Low Level											
Blank (BB41778-BLK1) Blank								Prepared: 02/27/2024 Analyzed: 02/28/2024			
4,4'-DDD	ND	0.00400	ug/L								
Surrogate: Decachlorobiphenyl	*0.115*		"	*0.200*		*57.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0813*		"	*0.200*		*40.6*	*30-150*				
LCS (BB41778-BS1) LCS								Prepared: 02/27/2024 Analyzed: 02/28/2024			
4,4'-DDD	0.0715	0.00400	ug/L	0.100		71.5	40-140			20	
Surrogate: Decachlorobiphenyl	*0.104*		"	*0.200*		*52.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0970*		"	*0.200*		*48.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41858 - EPA 3550C											
Blank (BB41858-BLK1) Blank								Prepared & Analyzed: 02/28/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
Surrogate: Decachlorobiphenyl	*0.0504*		"	*0.0664*		*75.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0478*		"	*0.0664*		*71.9*	*30-150*				
LCS (BB41858-BS1) LCS								Prepared & Analyzed: 02/28/2024			
4,4'-DDD	0.0212	0.00164	mg/kg wet	0.0332		63.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0425*		"	*0.0664*		*64.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0406*		"	*0.0664*		*61.0*	*30-150*				
Matrix Spike (BB41858-MS1) Matrix Spike *Source sample: 24B1523-01 (Matrix Spike)								Prepared: 02/28/2024 Analyzed: 02/29/2024			
4,4'-DDD	0.0298	0.00187	mg/kg dry	0.0378	ND	78.8	30-150				
Surrogate: Decachlorobiphenyl	*0.0574*		"	*0.0757*		*75.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0513*		"	*0.0757*		*67.8*	*30-150*				
Matrix Spike Dup (BB41858-M Matrix Spike Dup *Source sample: 24B1523-01 (Matrix Spike Dup)								Prepared: 02/28/2024 Analyzed: 02/29/2024			
4,4'-DDD	0.0254	0.00186	mg/kg dry	0.0376	ND	67.5	30-150		16.0	30	
Surrogate: Decachlorobiphenyl	*0.0538*		"	*0.0752*		*71.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0457*		"	*0.0752*		*60.8*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41789 - EPA 3050B											
Blank (BB41789-BLK1) Blank									Prepared: 02/27/2024 Analyzed: 02/29/2024		
Lead	ND	0.348	mg/kg wet								
Duplicate (BB41789-DUP1) Duplicate	*Source sample: 24B1270-16 (Duplicate)								Prepared: 02/27/2024 Analyzed: 02/29/2024		
Lead	6.51	0.393	mg/kg dry		7.06				8.09	35	
Matrix Spike (BB41789-MS1) Matrix Spike	*Source sample: 24B1270-16 (Matrix Spike)								Prepared: 02/27/2024 Analyzed: 02/29/2024		
Lead	52.2	0.393	mg/kg dry	47.1	7.06	95.8	75-125				
Post Spike (BB41789-PS1) Post Spike	*Source sample: 24B1270-16 (Post Spike)								Prepared: 02/27/2024 Analyzed: 02/29/2024		
Lead	0.579		ug/mL	0.500	0.0750	101	75-125				
Reference (BB41789-SRM1) Reference									Prepared: 02/27/2024 Analyzed: 02/29/2024		
Lead	221	0.348	mg/kg wet	275		80.4	74.2-108				
Batch BC40063 - EPA 3050B											
Blank (BC40063-BLK1) Blank									Prepared: 03/01/2024 Analyzed: 03/04/2024		
Copper	ND	1.39	mg/kg wet								
Lead	0.479	0.348	"								
Zinc	ND	1.73	"								
Duplicate (BC40063-DUP1) Duplicate	*Source sample: 24B1541-01 (Duplicate)								Prepared: 03/01/2024 Analyzed: 03/04/2024		
Copper	444	1.63	mg/kg dry		1260				95.4	35	Non-dir.
Lead	731	0.407	"		717				1.99	35	
Zinc	741	2.02	"		795				7.11	35	
Matrix Spike (BC40063-MS1) Matrix Spike	*Source sample: 24B1541-01 (Matrix Spike)								Prepared: 03/01/2024 Analyzed: 03/04/2024		
Copper	651	1.63	mg/kg dry	24.4	1260	NR	75-125	Low Bias			
Lead	964	0.407	"	48.8	717	508	75-125	High Bias			
Zinc	1530	2.02	"	48.8	795	NR	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40063 - EPA 3050B											
Post Spike (BC40063-PS1) Post Spike	*Source sample: 24B1541-01 (Post Spike)								Prepared: 03/01/2024 Analyzed: 03/04/2024		
Copper	13.3		mg/L	0.250	12.9	183	75-125	High Bias			
Lead	7.95		ug/mL	0.500	7.35	120	75-125				
Zinc	8.76		mg/L	0.500	8.15	120	75-125				
Reference (BC40063-SRM1) Reference									Prepared: 03/01/2024 Analyzed: 03/04/2024		
Copper	214	1.39	mg/kg wet	239		89.6	75.3-105.9				
Lead	224	0.348	"	275		81.5	74.2-108				
Zinc	231	1.73	"	286		80.8	75.9-111.5				
Batch BC40112 - EPA 3050B											
Blank (BC40112-BLK1) Blank									Prepared: 03/03/2024 Analyzed: 03/05/2024		
Cadmium	ND	0.250	mg/kg wet								
Nickel	ND	0.692	"								
Zinc	ND	1.73	"								
Duplicate (BC40112-DUP1) Duplicate	*Source sample: 24C0046-05 (Duplicate)								Prepared: 03/03/2024 Analyzed: 03/05/2024		
Cadmium	1.19	0.294	mg/kg dry		1.10				7.89	35	
Nickel	69.9	0.812	"		64.5				8.02	35	
Zinc	191	2.03	"		223				15.5	35	
Matrix Spike (BC40112-MS1) Matrix Spike	*Source sample: 24C0046-05 (Matrix Spike)								Prepared: 03/03/2024 Analyzed: 03/05/2024		
Cadmium	5.31	0.294	mg/kg dry	4.89	1.10	86.0	75-125				
Nickel	107	0.812	"	48.9	64.5	86.4	75-125				
Zinc	214	2.03	"	48.9	223	NR	75-125	Low Bias			
Post Spike (BC40112-PS1) Post Spike	*Source sample: 24C0046-05 (Post Spike)								Prepared: 03/03/2024 Analyzed: 03/05/2024		
Cadmium	0.0588		ug/mL	0.0500	0.0113	95.1	75-125				
Nickel	1.13		mg/L	0.500	0.659	94.2	75-125				
Zinc	2.74		"	0.500	2.28	92.3	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40112 - EPA 3050B											
Reference (BC40112-SRM1) Reference								Prepared: 03/03/2024 Analyzed: 03/05/2024			
Cadmium	181	0.250	mg/kg wet	226		80.0	88.1-104.9	Low Bias			
Nickel	100	0.692	"	118		84.8	72-104.2				
Zinc	238	1.73	"	286		83.1	75.9-111.5				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40033 - EPA 3015A											
Blank (BC40033-BLK1) Blank								Prepared & Analyzed: 03/01/2024			
Cadmium	ND	0.556	ug/L								
Copper	ND	1.11	"								
Lead	ND	1.11	"								
Nickel	ND	1.11	"								
Zinc	ND	1.11	"								
LCS (BC40033-BS1) LCS								Prepared & Analyzed: 03/01/2024			
Cadmium	51.9		ug/L	50.0		104	80-120				
Copper	51.1		"	50.0		102	80-120				
Lead	58.2		"	50.0		116	80-120				
Nickel	49.3		"	50.0		98.7	80-120				
Zinc	49.4		"	50.0		98.8	80-120				
Duplicate (BC40033-DUP1) Duplicate *Source sample: 24B1529-03 (Duplicate)								Prepared & Analyzed: 03/01/2024			
Cadmium	ND	0.556	ug/L		ND					20	
Copper	ND	1.11	"		1.36					20	
Lead	ND	1.11	"		ND					20	
Nickel	ND	1.11	"		ND					20	
Zinc	21.0	1.11	"		19.0				10.2	20	
Matrix Spike (BC40033-MS1) Matrix Spike *Source sample: 24B1529-03 (Matrix Spike)								Prepared & Analyzed: 03/01/2024			
Cadmium	53.2		ug/L	50.0	0.008	106	75-125				
Copper	47.0		"	50.0	1.22	91.5	75-125				
Lead	52.5		"	50.0	0.212	105	75-125				
Nickel	48.4		"	50.0	0.810	95.1	75-125				
Zinc	64.9		"	50.0	17.1	95.5	75-125				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41801 - % Solids Prep												
Duplicate (BB41801-DUP1)	Duplicate	*Source sample: 24B1270-12 (Duplicate)								Prepared & Analyzed: 02/28/2024		
% Solids		83.3	0.100	%		84.2				1.12	20	
Batch BB41973 - % Solids Prep												
Duplicate (BB41973-DUP1)	Duplicate	*Source sample: 24B1416-07 (Duplicate)								Prepared & Analyzed: 02/29/2024		
% Solids		83.5	0.100	%		84.3				0.954	20	

Sample and Data Qualifiers Relating to This Work Order

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

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 24B1462

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YOUR Project Number: 170688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced | NJDKQP
Standard Excel EDD | Deliverables | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB20-3_E15-16-18 *	S	2/26 0747	cadmium, nickel, zinc	40z glass	1
-18-20 *		0800			1
-20-22 *		0805			1
-22-24 *		0805			1
LSB20-3_S7.5-15-17		0824			1
-18-20 *		0827			1
-20-23 *		0835			1
-22-24 *		0837			1
LSB20-3_N15-15-17 *		0855			1
-18-20 *		0857			1

Comments: * Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company: Langan	Date/Time: 2/26/24	1. Samples Received by / Company:	Date/Time: 2/26/24 15-
2. Samples Received by / Company:	Date/Time: 2/26/24 17:45	3. Samples Relinquished by / Company:	Date/Time: 2/26/24 2035
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time

2. Samples Relinquished by / Company	Date/Time: 2/26/24 17:45		
3. Samples Received by / Company	Date/Time		
Samples Received in LAB by: NCCS	Date/Time: 2/26/24 2035	Temperature: 6.0 Degrees C	

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
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Your signature binds you to YORK's Standard Terms & Conditions.

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

YORK Project No. 24B1462

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address:	Address:
Phone.: 973-560-7900	Phone.:	Phone.:
Contact: Lauren Kot	Contact:	Contact:
E-mail: lkot@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 1209 Flatland Ave

YOUR PO#:

Turn-Around Time

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

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

Rob Bandura

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB20-3-S15-20-22 *	S	2/26 0900	cadmium, nickel, zinc	4oz glas	1
-22-24 *		0903			1
LSB20-3-W7.5-16-18		0930			1
-18-20 *		0933			1
-20-22 *		0935			1
-22-24 *		0936			1
LSB20-3-W15-16-18 *		1012			1
-18-20 *		1020			1
-20-22 *		1022			1
-22-24 *		1025			1

Comments:

* Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
R Bard Langan	2/26/24	[illegible]	2/26/24 15	[illegible]	2/26/24 17:45
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time
[illegible]	2/26/24 17:45	[illegible]	2/26/24 2035		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCCS	2/26/24 2035 / 6.0 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 24B1462

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

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973-560-4900	Phone.:	Phone.:
Contact: Lauren Kolt	Contact:	Contact:
E-mail: lkolt@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688807

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) [X]

PFAS Standard is 7-10 Days

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

Rob Bandura

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York [X]
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB26_3 -23.5-25.5	S	2/26/24 1115	Copper, lead, zinc, 4,4'-DDD, PCBs (PB)	8oz	1
-25.5-27.5 *		1120			1
-27.5-29.5 *		1130			1
LSB26_3_57.5_20.5-22.5		1201			1
-22.5-25.5 *		1205			1
-25.5-27.5 *		1206			1
-27.5-29.5 *		1207			1
LSB26_3_515_20.5-22.5 *		1236			1
-22.5-29.5 *		1238			1
-25.5-27.5		1240			1

Comments: * Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Brad Langan	2/26/24	Mike Fortin	2/26/24 15	Robert Cahill	2/26/24 17:45
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
CH	2/26/24 17:45	CH	2/26/24 2035		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCCS	2/26/24 2035 / 6.0 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 2461462

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

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973-560-4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Ave

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) [X]

PFAS Standard is 7-10 Days

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

Rob Bandolik

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York [X]
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB26-3-S15-27.5-29.5 *	S	2/26 1310	Metals for Copper, lead, zinc. Pest for 4,4'-DDD and PCBs RD	8oz	1
LSB26-3-E75-20.5-22.5		1400			1
-23.5-25.5 *		1405			1
-25.5-27.5 *		1420			1
-27.5-29.5 *		1425	Nickel,		1
FB03-20240226	AQ	2/26	Cadmium, zinc, lead, copper, 4,4'-DDD and PCBs RD	3 1000mL 6x250mL	9
			RD		

Comments: * Please HOLD samples

Samples iced/chilled at time of lab pickup? | circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Langan	2/26/24		2/26/24 LS		2/26/24 17:45
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	2/26/24 17:45		2/26/24 2035		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCCS	2/26/24 2035 / 6.0 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 03/06/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1549

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 03/06/2024
Client Project ID: 100688802
York Project (SDG) No.: 24B1549

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 27, 2024 and listed below. The project was identified as your project: **100688802**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24B1549-05	LSB26_3_W7.5_20.5-22.5	Soil	02/27/2024	02/27/2024
24B1549-13	LSB26_3_N7.5_20.5-22.5	Soil	02/27/2024	02/27/2024

General Notes for York Project (SDG) No.: 24B1549

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

Approved By **Date:** 03/06/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: LSB26_3_W7.5_20.5-22.5 **York Sample ID:** 24B1549-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1549	100688802	Soil	February 27, 2024 8:43 am	02/27/2024

PEST, 8081 MASTER

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B	02/28/2024 14:08	02/29/2024 13:45	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.3 %*	*30-150*

Copper by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**61.3**		mg/kg dry	1.56	1	EPA 6010D	03/04/2024 12:39	03/05/2024 17:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**148**		mg/kg dry	0.390	1	EPA 6010D	02/27/2024 18:22	02/29/2024 15:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**137**		mg/kg dry	1.94	1	EPA 6010D	03/04/2024 12:39	03/05/2024 17:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.1**		%	0.100	1	SM 2540G	02/28/2024 14:38	02/28/2024 20:56	LRS
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: LSB26_3_N7.5_20.5-22.5 **York Sample ID:** 24B1549-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1549	100688802	Soil	February 27, 2024 10:50 am	02/27/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00218	5	EPA 8081B	02/28/2024 14:08	02/29/2024 14:07	TAH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.7 %*	*30-150*

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**44.6**		mg/kg dry	1.86	1	EPA 6010D	03/04/2024 12:39	03/05/2024 17:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**231**		mg/kg dry	0.465	1	EPA 6010D	02/27/2024 18:22	02/29/2024 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**97.5**		mg/kg dry	2.31	1	EPA 6010D	03/04/2024 12:39	03/05/2024 17:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**74.8**		%	0.100	1	SM 2540G	02/28/2024 14:38	02/28/2024 20:56	LRS
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BB41789 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24B1549-05	LSB26_3_W7.5_20.5-22.5	02/27/24
24B1549-13	LSB26_3_N7.5_20.5-22.5	02/27/24
BB41789-BLK1	Blank	02/27/24
BB41789-DUP1	Duplicate	02/27/24
BB41789-MS1	Matrix Spike	02/27/24
BB41789-PS1	Post Spike	02/27/24
BB41789-SRM1	Reference	02/27/24

Batch ID: BB41858 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24B1549-05	LSB26_3_W7.5_20.5-22.5	02/28/24
24B1549-13	LSB26_3_N7.5_20.5-22.5	02/28/24
BB41858-BLK1	Blank	02/28/24
BB41858-BS1	LCS	02/28/24
BB41858-MS1	Matrix Spike	02/28/24
BB41858-MSD1	Matrix Spike Dup	02/28/24

Batch ID: BB41866 **Preparation Method:** % Solids Prep **Prepared By:** LRS

YORK Sample ID	Client Sample ID	Preparation Date
24B1549-05	LSB26_3_W7.5_20.5-22.5	02/28/24
24B1549-13	LSB26_3_N7.5_20.5-22.5	02/28/24
BB41866-DUP1	Duplicate	02/28/24

Batch ID: BC40178 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24B1549-05	LSB26_3_W7.5_20.5-22.5	03/04/24
24B1549-13	LSB26_3_N7.5_20.5-22.5	03/04/24
BC40178-BLK1	Blank	03/04/24
BC40178-DUP1	Duplicate	03/04/24
BC40178-MS1	Matrix Spike	03/04/24
BC40178-PS1	Post Spike	03/04/24
BC40178-SRM1	Reference	03/04/24

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41858 - EPA 3550C											
Blank (BB41858-BLK1) Blank								Prepared & Analyzed: 02/28/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
Surrogate: Decachlorobiphenyl	*0.0504*		"	*0.0664*		*75.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0478*		"	*0.0664*		*71.9*	*30-150*				
LCS (BB41858-BS1) LCS								Prepared & Analyzed: 02/28/2024			
4,4'-DDD	0.0212	0.00164	mg/kg wet	0.0332		63.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0425*		"	*0.0664*		*64.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0406*		"	*0.0664*		*61.0*	*30-150*				
Matrix Spike (BB41858-MS1) Matrix Spike *Source sample: 24B1523-01 (Matrix Spike)								Prepared: 02/28/2024 Analyzed: 02/29/2024			
4,4'-DDD	0.0298	0.00187	mg/kg dry	0.0378	ND	78.8	30-150				
Surrogate: Decachlorobiphenyl	*0.0574*		"	*0.0757*		*75.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0513*		"	*0.0757*		*67.8*	*30-150*				
Matrix Spike Dup (BB41858-M Matrix Spike Dup *Source sample: 24B1523-01 (Matrix Spike Dup)								Prepared: 02/28/2024 Analyzed: 02/29/2024			
4,4'-DDD	0.0254	0.00186	mg/kg dry	0.0376	ND	67.5	30-150		16.0	30	
Surrogate: Decachlorobiphenyl	*0.0538*		"	*0.0752*		*71.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0457*		"	*0.0752*		*60.8*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41789 - EPA 3050B												
Blank (BB41789-BLK1)	Blank									Prepared: 02/27/2024 Analyzed: 02/29/2024		
Lead		ND	0.348	mg/kg wet								
Duplicate (BB41789-DUP1)	Duplicate	*Source sample: 24B1270-16 (Duplicate)								Prepared: 02/27/2024 Analyzed: 02/29/2024		
Lead		6.51	0.393	mg/kg dry		7.06				8.09	35	
Matrix Spike (BB41789-MS1)	Matrix Spike	*Source sample: 24B1270-16 (Matrix Spike)								Prepared: 02/27/2024 Analyzed: 02/29/2024		
Lead		52.2	0.393	mg/kg dry	47.1	7.06	95.8	75-125				
Post Spike (BB41789-PS1)	Post Spike	*Source sample: 24B1270-16 (Post Spike)								Prepared: 02/27/2024 Analyzed: 02/29/2024		
Lead		0.579		ug/mL	0.500	0.0750	101	75-125				
Reference (BB41789-SRM1)	Reference									Prepared: 02/27/2024 Analyzed: 02/29/2024		
Lead		221	0.348	mg/kg wet	275		80.4	74.2-108				
Batch BC40178 - EPA 3050B												
Blank (BC40178-BLK1)	Blank									Prepared: 03/04/2024 Analyzed: 03/05/2024		
Copper		ND	1.39	mg/kg wet								
Zinc		ND	1.73	"								
Duplicate (BC40178-DUP1)	Duplicate	*Source sample: 24B1549-13 (LSB26_3_N7.5_20.5-22.5)								Prepared: 03/04/2024 Analyzed: 03/05/2024		
Copper		38.8	1.86	mg/kg dry		44.6				13.9	35	
Zinc		111	2.31	"		97.5				13.3	35	
Matrix Spike (BC40178-MS1)	Matrix Spike	*Source sample: 24B1549-13 (LSB26_3_N7.5_20.5-22.5)								Prepared: 03/04/2024 Analyzed: 03/05/2024		
Copper		49.4	1.86	mg/kg dry	27.9	44.6	17.1	75-125	Low Bias			
Zinc		140	2.31	"	55.7	97.5	75.6	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40178 - EPA 3050B											
Post Spike (BC40178-PS1) Post Spike	*Source sample: 24B1549-13 (LSB26_3_N7.5_20.5-22.5)									Prepared: 03/04/2024 Analyzed: 03/05/2024	
Copper	0.689		mg/L	0.250	0.400	116	75-125				
Zinc	1.38		"	0.500	0.875	101	75-125				
Reference (BC40178-SRM1) Reference										Prepared: 03/04/2024 Analyzed: 03/05/2024	
Copper	231	1.39	mg/kg wet	239		96.7	75.3-105.9				
Zinc	254	1.73	"	286		89.0	75.9-111.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41866 - % Solids Prep											
Duplicate (BB41866-DUP1) Duplicate	*Source sample: 24B1325-01 (Duplicate)								Prepared & Analyzed: 02/28/2024		
% Solids	82.9	0.100	%		83.8				1.12	20	

Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

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

YORK Project No. 24B1549

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

Page 1 of 2 (RB)

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN	Company:	Company:	100688802	RUSH - Next Day
Address: 300 Kimball Dr. Parsippany NJ 07054	Address:	Address:	YOUR Project Name: 12096 Parkland-An	RUSH - Two Day
Phone.: 973-560-4900	Phone.:	Phone.:		RUSH - Three Day
Contact: Lauren Kott	Contact:	Contact:		RUSH - Four Day
E-mail: lkott@langan.com	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) X
				PFAS Standard is 7-10 Days

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

Rob Bandstra

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York X	Summary Report	CT RCP	EQuIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	NYSDEC EQuIS	
DW - drinking water	Connecticut	CMDP	NJDEP Reduced	NJDKQP	
WW - wastewater	Pennsylvania	Standard Excel EDD	Deliverables	NJDEP SRP HazSite	
O - Oil / Other	Other:	NY ASP B Package	Other: ASP-B		

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB26-3-E15-20.5-22.5 *	S	2/27 0755	copper, lead, zinc, 4,4'-DDD	8oz glass	1
-23.5-25.5 *		0757			1
-25.5-27.5 *		0805			1
-27.5-29.5 *		0807			1
LSB26-3-W7.5-20.5-22.5		0843			1
-23.5-25.5 *		0920 ~~0845~~ (RB)			1
-25.5-27.5 *		0923 ~~0850~~ (RB)			1
-27.5-29.5 *		0925 ~~0852~~ (RB)			1
LSB26-3-W15-20.5-22.5 *		1000			1
-23.5-25.5 *		1010			1

Comments: * Please HOLD samples

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

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
		[signature]	2/27/24 1310	[signature]	2/27/24 19:05
Samples Received by / Company	**Date/Time**	**3. Samples Relinquished by / Company**	**Date/Time**	**3. Samples Received by / Company**	**Date/Time**
[signature]	2/27/24 19:05	[signature]	2/27/24 2105		
Samples Relinquished by / Company	**Date/Time**	**4. Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time / Temperature**
				[signature]	2/27/24 2105 / 1.9 Degrees C

YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

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

YORK Project No. 24B1549

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

YOUR Information	Report To:	Invoice To:
Company: LANGAN	Company:	Company:
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973-560-4900	Phone.:	Phone.:
Contact: Lauren Kott	Contact:	Contact:
E-mail: lkott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100688802

YOUR Project Name: 12096 Flatlands Av

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

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

FBo Rob Bordstra

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York 2
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other: ASP-B

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
LSB26-3_W1S_25.5-27.5 *	S	2/27 1017	copper, lead, zinc, 4,4'-DDD	8oz glass	1
-27.5-29.5 *		1018			1
LSB26_3-N7.5_20.5-22.5		1050			1
-23.5-25.5 *		1052			1
-25.5-27.5 *		1053			1
-27.5-29.5 *		1054			1
LSB26_3_N1S_20.5-22.5 *		1126			1
-23.5-25.5 *		1135			1
-25.5-27.5 *		1137			1
-27.5-29.5 *		1140			1

Comments:

* Please HOLD samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
		[illegible]	2/27/24 1310	[illegible]	2/27/24 19:05
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[illegible]	2/27/24 19:05	[illegible]	2/27/24 2105		
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company			
[illegible] Rec Olab	2/27/24 1.9? 2105				

APPENDIX I

UST Closure Documentation and PBS Form

New York State Department of Environmental Conservation
Division of Environmental Remediation

Petroleum Bulk Storage Application

Pursuant to the Environmental Conservation Law: Article 17, Title 10; and
Regulations 6 NYCRR Part 613 and 6 NYCRR Subpart 374-2

(Please Type or Print Clearly and Complete All Items for Sections A, B & C)

PBS Number:

Return Completed Form & Fees To:

Expiration Date:

Section A - Facility/Property Owner/Contact Information

Transaction Type:
1) Initial/New Facility
2) Change of Ownership
3) Tank Installation, Closing, or Repair
4) Information Correction
5) Renewal

FACILITY

Facility Name: 30 Inspiration Lane
Tax Map Info
Facility Address (Physical Address, No P.O. Boxes): 30 Inspiration Lane
Block: 4434
Facility Address (cont.):
Lot: 10
City: Brooklyn | State: NY | ZIP Code: 11236
County: Kings | Township/City: New York | Facility Phone Number:
Facility Operator: IUV Phase 1 Owner, LLC
IUV Phase 1 LIHTC Owner, LLC

TYPE OF PETROLEUM FACILITY (Check only one)
- ☐ 01=Storage Terminal/Petrol. Distributor
- ☐ 02=Retail Gasoline Sales
- ☐ 03=Other Retail Sales
- ☐ 04=Manufacturing
- ☐ 05=Utility
- ☐ 06=Trucking/Transportation/Fleet
- ☒ 07=Apartment/Office Building
- ☐ 08=School
- ☐ 09=Farm
- ☐ 10=Private Residence
- ☐ 11=Airline/Air Taxi/Airport
- ☐ 12=Chemical Distributor
- ☐ 13=Municipality
- ☐ 15=Railroad
- ☐ 25=Auto Service/Repair (No Gasoline Sales)
- ☐ 28=Cemetery/Memorial
- ☐ 26=Religious (Church, Synagogue, Mosque, Temple, etc.)
- ☐ 27=Hospital/Nursing Home/Health Care
- ☐ 52=Marina
- 53=Nuclear Power Plant
- ☐ 99=Other (Specify):

Emergency Contact Name: Bryan Kelly
Emergency Telephone Number: 212-599-0520

NOTE:
Fill in Property Owner information here....>>>
Indicate Tank Owner in Section C.

OWNER

Facility (Property) Owner (from Deed): IUV PHASE 1A HOUSING DEVELOPMENT FUND CORPORATION / IUV PHASE 1 OWNER, LLC / IUV PHASE 1 LIHTC OWNER, LLC
Facility Owner Address (Street and/or P.O. Box): 111 5th Ave, FL 9
City: New York | State: NY | ZIP Code: 10003
Owner Telephone Number: 212-599-0520

Type of Owner (check only one):
- 1 ☐ Private Resident
- 2 ☐ State Government
- 3 ☐ Local Government
- 4 ☐ Federal Government
- 5 ☒ Corporate/Commercial/Other

I hereby certify, under penalty of law, that all of the information provided on this form is true and correct. False statements made herein may be punishable as a criminal offense and/or a civil violation in accordance with applicable state and federal law.

Name of Owner or Authorized Representative: IUV Phase 1 Owner, LLC; IUV Phase 1 LIHTC Owner, LLC
Bryan Kelly
Amount Enclosed: $
Title: Authorized Signatory
Signature: Bryan Kelly
Date: 12/19/24

CORRESPONDENCE

(Please keep this information up to date.)
Facility Contact Person Name: Bryan Kelly
Contact Person Company Name: IUV Phase 1 Owner, LLC / IUV Phase 1 LIHTC Owner, LLC
Address: 111 5th Ave, FL 9
Address (cont.):
City/State/ZIP Code: New York, NY 10003
Tel. Number: 212-599-0520
eMail Address: bkelly@gothamorg.com

Official Use Only
Date Received: ___/___/___
Date Processed: ___/___/___
Amount Received: $_____
Reviewed By: _____

Rev. 12/22/2022

PBS Number:

Section B - Tank Information

(Please use the key located on the last page to complete each item/column)

Registration Expiration Date:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Action	Tank Number	Tank Location	Status	Installation, out-of-service, or Permanent ClosureDate (mm/dd/yyyy) **Application will be returned if blank**	Capacity (Gallons)	Product Stored (If Gasoline w/ethanol or Biodiesel, list % additive)	Tank Type	Tank Internal Protection	Tank External Protection	Tank Secondary Containment	Tank Leak Detection	Tank Overfill Prevention	Tank Spill Prevention	Pumping/Dispensing Method	Piping Location	Piping Type	Piping External Protection	Piping Secondary Containment	Piping Leak Detection	Under Dispenser Containment (UDC) (Check box if present)
1,3	UST-1	5	3	5/1/2024	550	0009	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
1,3	UST-2	5	3	5/1/2024	550	0009	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
1,3	UST-3	5	3	5/1/2024	550	0009	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
1,3	UST-4	5	3	5/17/2024	550	0009	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
1,3	UST-5	5	3	5/17/2024	550	0009	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
1,3	UST-6	5	3	5/17/2024	550	0009	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
1,3	UST-7	5	3	5/17/2024	550	0009	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
1,3	UST-8	5	3	5/17/2024	550	0009	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
1,3	UST-9	5	3	5/17/2024	550	0009	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
1,3	UST-10	5	3	5/17/2024	550	0009	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
1,3	UST-11	5	3	5/17/2024	550	0009	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
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																				☐

Note: If you need to add tanks to your registration, write them in using blank lines above. Attach additional sheets as needed.
Blank Section B is available at http:/www.dec.ny.gov/docs/remediation_hudson_pdf/pbsrenewal.pdf

PBS Number:

Petroleum Bulk Storage Application

Section C - Tank Ownership Information (for PBS tanks listed in Section B

Tank Owner Information

☒ Check box if same as Facility (Property) Owner.
If tank owner is different from property owner, fill out information below:

Tank Owner Name (Company/Individual):

Contact Person:

Tank Owner Address:

City: | State: | ZIP:

Contact Person Telephone Number: | Contact Person email:

Specific Tanks Owned

☒ Check box if this owner owns all tanks at this facility.
If not, list tanks owned by this owner below:

Tank Number:

Name of Class B (Daily On-Site) Operator: | Authorization No:

Name of Class A (Primary) Operator: | Authorization No:

Tank Owner Information

☐ Check box if same as Facility (Property) Owner.
If tank owner is different from property owner, fill out information below:

Tank Owner Name (Company/Individual):

Contact Person:

Tank Owner Address:

City: | State: | ZIP:

Contact Person Telephone Number: | Contact Person email:

Specific Tanks Owned

☐ Check box if this owner owns all tanks at this facility.
If not, list tanks owned by this owner below:

Tank Number:

Name of Class B (Daily On-Site) Operator: | Authorization No:

Name of Class A (Primary) Operator: | Authorization No:

PETROLEUM BULK STORAGE APPLICATION - SECTION B - TANK INFORMATION - CODE KEY

Action (1)

1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Repair/Reline Tank

Tank Location (3)

1. Aboveground-contact w/soil
2. Aboveground-contact w/ impervious barrier
3. Aboveground on saddles, legs, stilts, rack or cradle
4. Partially buried tank (tank with 10% or more below ground)
5. Underground including vaulted with no access for inspection
6. Aboveground in Subterranean Vault w/access for inspections

Status (4)

1. In-service
2. Out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

Products Stored (7)

Heating Oils: On-Site Consumption

0001. #2 Fuel Oil
0002. #4 Fuel Oil
0259. #5 Fuel Oil
0003. #6 Fuel Oil
0012. Kerosene
0591. Clarified Oil
2711. Biodfuel Oil
2642. Used Oil (Heating)

Heating Oils: Resale/ Redistribution

2718. #2 Fuel Oil
2719. #4 Fuel Oil
2720. #5 Fuel Oil
2721. #6 Fuel Oil
2722. Kerosene
2723. Clarified Oil
2724. Biofuel Oil

Motor Fuels

0009. Gasoline
2712. Gasoline/Ethanol
0008. Diesel
2710. Biodiesel
0011. Jet Fuel
1044. Jet Fuel (Biofuel)
2641. Aviation Gasoline

Emergency Generator Fuels

0001. #2 Fuel Oil
2730. Biodiesel (E-Gen)
2731. Diesel (E-Gen)

Lubricating/Cutting Oils

0013. Lube Oil
0015. Motor Oil
1045. Gear/Spindle Oil
0010. Hydraulic Oil
0007. Cutting Oil
0021. Transmission Fluid
1836. Turbine Oil
0308. Petroleum Grease

Oils Used as Building Materials

2626. Asphaltic Emulsions
0748. Form Oil

Petroleum Spirits

0014. White/Mineral Spirits
1731. Naptha

Mineral/Insulating Oils

0020. Insulating Oil (e.g., Transformer, Cable Oil)
2630. Mineral Oil

Waste/Used/Other Oils

0022 Waste/Used Oil
9999. Other-Please list:*

Crude Oil

0006. Crude Oil
0701. Crude Oil Fractions

Tank Type (8)

01. Steel/Carbon Steel/Iron
02. Galvanized Steel Alloy
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Tank in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Urethane Clad Steel
99. Other-Please list:*

Internal Protection (9)

00. None
01 Epoxy Liner
02. Rubber Liner
03. Fiberglass Liner (FRP)
04. Glass Liner
99. Other-Please list:*

External Protection (10/18)

00. None
01. Painted/Asphalt Coating
02. Original Sacrificial Anode
03. Original Impressed Current
04. Fiberglass
05. Jacketed
06. Wrapped (Piping)
07 Retrofitted Sacrificial Anode
08. Retrofitted Impressed Current
09. Urethane
99. Other-Please list:*

Tank Secondary Containment (11)

00. None
01. Diking (AST Only)
02. Vault (w/access)
03. Vault (w/o access)
04. Double-Walled (UST Only)
05. Synthetic Liner
06. Remote Impounding Area
07. Excavation Liner
09. Modified Double-Walled (AST Only)
10. Impervious Underlayment (AST Only)**
11. Double Bottom (AST Only)**
12. Double-Walled (AST Only)
99. Other - Please list*

Tank Leak Detection (12)

00. None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
05. In-Tank System (Auto Tank
06. Impervious Barrier/Concrete Pad (AST Only)
07. Statistical Inventory Reconciliation (SIR)
08. Weep holes in vaults with no access for inspection
99. Other-Please list: *

Overfill Protection (13)

00. None
01. Float Vent Valve
02. High Level Alarm
03. Automatic Shut-Off
04. Product Level Gauge (AST Only)
05. Vent Whistle
99. Other-Please list:*

Spill Prevention (14)

00. None
01. Catch Basin
99. Other-Please list:*

Pumping/Dispensing Method (15)

00. None
01. Presurized Dispenser
02. Suction Dispenser
03. Gravity
04. On-Site Heating System (Suction)
05. On-Site Heating System (Supply/Return)
06. Tank-Mounted Dispenser
07. Loading Rack/Transfer Pump

Piping Location (16)

00. No Piping
01. Aboveground
02. Underground/On-ground
03. Aboveground/Underground Combination

Piping Type (17)

00. None
01. Steel/Carbon Steel/Iron
02. Galvanized Steel
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Encased in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Copper
11. Flexible Piping
99. Other-Please list:*

Piping Secondary Containment (19)

00. None
01. Diking (Aboveground Only)
02. Vault (w/access)
04. Double-Walled (Underground Only)
06. Remote Impounding Area
07. Trench Liner
12. Double-Walled (Aboveground Only)
99. Other-Please list: *

Pipe Leak Detection (20)

00. None
01. Interstitial Electronic Monitoring
02. Insterstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
07. Pressurized Piping Leak Detector
09. Exempt Suction Piping
10. Statistical Inventory Reconciliation (SIR)
99. Other-Please list:*

Under Dispenser Containment (UDC) (21)

Check Box if Present

- - - - - - - - - - - - - -

* If other, please list on a separate sheet including tank number,

** Each of these codes must be combined with code 01 or 06 to meet compliance requirements.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1	631-608-8810	BEI42424-1

5. Generator's Name and Mailing Address
IUV Phase I Owner LLC/IUV Phase I LIHTC Owner LLC
12096 Flatlands Avenue, Brooklyn, NY 11236
Generator's Phone: 347-725-4711

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: **Brookside Environmental, Inc.** — U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 249-3774
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	[1] **Waste petroleum mixture liquid, n.o.s. Non RCRA / Non DOT hazardous**	X1	TT	93	G	NONE
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1)

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Miguel Angel Ron — Signature — Month 4 Day 24 Year 24

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi — Signature — Month 4 Day 24 Year 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jason Ross — Signature — Month 4 Day 30 Year 24

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

DESIGNATED FACILITY TO GENERATOR

BROOKSIDE ENVIRONMENTAL
WWW.BROOKSIDEWEB.COM

22 OCEAN AVENUE
COPIAGUE, NEW YORK 11726
PHONE: 631.608.8810 FAX: 631.608.8811
BIC# 2935

April 30, 2024

FDNY, Bureau of Fire Prevention
Bulk Fuel Safety Unit, Room 3E-102
9 Metro Tech Center
Brooklyn, NY 11201-3857

Re: 12096 Flatlands Avenue
Brooklyn, New York

AFFIDAVIT

Brian Gaudreault being duly sworn says that on April 24 and 29, 2024, Brookside Environmental completed the cleaning and removal of three 550 gallon gasoline and oil tanks in accordance with the provisions of the New York City Fire Code, Chapter 34, Section FC3404.2.13 and FC3404.2.14.

During the removal of the tanks, Brookside:

- Vacuumed and removed 93 gallons of oil/water mixture.
- Removed and disposed of 5 drums of tank sludge.
- Cleaned and removed the tanks.
- Disposed of the tanks as scrap metal.
- Removed and disposed of all piping associated with the tanks.
- Post-excavation sampling and a site assessment were completed by Langan.

This affidavit is issued to attest to the proper tank cleaning and removal procedures by a FDNY Licensed Underground Storage Tank Installer/Remover.

Brian Gaudreault
C.O.F. Type W-16
FDNY License # 81350266
Expires: 6/07/2025

State of New York
County of Suffolk
Sworn before this 30th day of April 2024

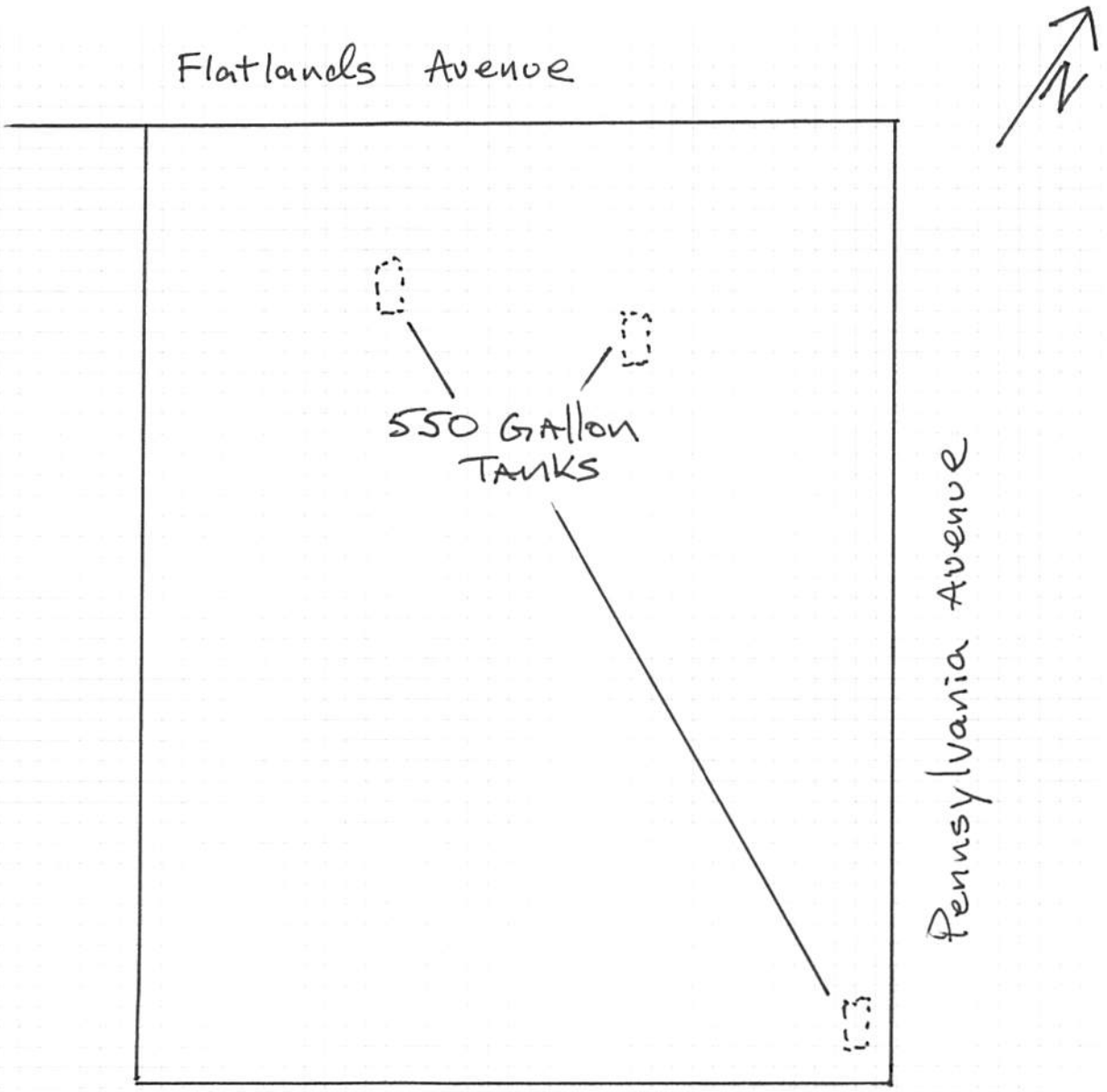
Notary Public
My Commission Expires: 08/04/2025

DAWN M SIEGEL
NOTARY PUBLIC-STATE OF NEW YORK
No. 01SI5082958
Qualified in Suffolk County
My Commission Expires 08-04-2025

BROOKSIDE ENVIRONMENTAL
WWW.BROOKSIDEWEB.COM
PHONE: 516.377.6300
PHONE: 631.608.8810
FAX: 631.608.8811

Project: 12096 Flatlands Avenue, Brooklyn, NY Date: 4/30/24

Re: Removal of 3 x 550 Gallon Tanks



RUT
N.T.S.
4/30/24

PHONE: 631.608.8810
FAX: 631.608.8811

BROOKSIDE ENVIRONMENTAL
www.brooksideweb.com

Transporter Permit #1A-644
EPA ID #NYR000081661
BIC # 2935

NON-HAZARDOUS MANIFEST

1. Customer's US EPA ID NO: Not Required | Document No: — | 2. Page 1 of: BEI42924-1

3. Generator Site Address and Mailing Address: IUV Phase I Owner LLC/IUV Phase I LIHTC Owner LLC
432 Park Ave South, 2nd Floor, New York, NY 10016
4. Phone: 347-725-4711

A. Document Number: —
B. State ID: 2096 Flatlands Ave Brooklyn, NY

5. Transporter 1 Company Name: Brookside Environmental, Inc.
6. US EPA ID Number: NYR000081661
C. State Transporter's ID: 1A-644
D. Transporter's Phone: (631) 608-8810

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address:
Clean Water of New York
3249 Richmond Terrace
Staten Island, NY 10303
10. US EPA ID Number: NYD000968545
G. State Facility's ID:
H. Facility's Phone: (718) 981-4600

GENERATOR

11. US DOT Description (Including Proper Shipping Name)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	L. Waste No.
a. Non-hazardous waste solid, nos Non-RCRA/Non-DOT Hazardous	5	DM	1.500	P	
b. Non-hazardous waste liquid, nos Non-RCRA/Non-DOT Hazardous	/	DM	/	G	
c.					
d.					

J. Additional Descriptions for Materials Listed Above:
K. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information
a) App# 237-028
b) App# 237-029

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

Printed / Type Name: Daniel Horvath Agent of IUV Phase I Owner LLC | Signature: [signature] | DATE: Month 4 Day 29 Year 24

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials: IUV Phase I LIHTC Owner LLC

Printed / Type Name: Oscar Parrado | Signature: [signature] | DATE: Month 4 Day 29 Year 24

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed / Type Name: | Signature: | DATE: Month Day Year

FACILITY

19. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted.

Printed / Typed Name: Alexian Acevedo | DATE: Month 5 Day 3 Year 24

Ticket:884378

PO Number:

Ref Number:

SCALE PURCHASE TICKET

TNT Scrap
340 Maspeth Ave
Brooklyn, NY 11211
718-366-4017

Customer: 1514
BROOKSIDE

ID Number:

Weigh In: 4/30/2024 10:22:30 AM

Weigh Out: 4/30/2024 10:27:36 AM

120.96 FLATLANDS, BK/JOE V/6453 OPEN & CLEANED TANKS - NO PAY UNDER 7000LBS

Commodity	Gross	Tare	Net	Price	TOTAL $
FE3: Heavy #1	40,100.0	38,280.0	1,820.0	0/GT	0.00

Total: 0

Buyer: Letitia

Customer Signature

Please do not lose this ticket.
Ticket required for payment.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1	631-608-8810	50924-1

GENERATOR

5. Generator's Name and Mailing Address
IUV Phase 1 Owner LLC / IUV Phase 1 LIHTC Owner LLC
12096 Flatlands Avenue, Brooklyn, NY 11236
Generator's Phone: 347-725-4711

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Brookside Environmental, Inc.

U.S. EPA ID Number
NYR000081661

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 249-3774

U.S. EPA ID Number
NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1	Waste petroleum mixture liquid, n.o.s. Non RCRA / Non DOT hazardous	X1	TT	1725	G	NONE
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Miguel A Flores — Signature — Month 5 Day 8 Year 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi — Signature — Month 5 Day 8 Year 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jason Ross — Signature — Month 5 Day 9 Year 24

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not Required

2. Page 1 of: 1

3. Emergency Response Phone: 631-608-8810

4. Waste Tracking Number: 50924-2

GENERATOR

5. Generator's Name and Mailing Address: IUV Phase I owner LLC / IUV Phase I LI HTC Owner LLC
12096 Flatlands Ave, Brooklyn NY 11236

Generator's Site Address (if different than mailing address):

Generator's Phone: 347-725-4711

6. Transporter 1 Company Name: Brookside Environmental, Inc.

U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735

U.S. EPA ID Number: NYR000218677

Facility's Phone: 631 249-3774

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Waste petroleum mixture liquid, n.o.s. Non RCRA / Non DOT hazardous	X1	TT	2,000	G	NONE
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Miguel Flores | Signature | Month: 5 | Day: 9 | Year: 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Libizzi | Signature | Month: 5 | Day: 9 | Year: 24

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sam Ram | Signature | Month: 5 | Day: 9 | Year: 24

169-BLC-O 5 11978 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	3057-51024

5. Generator's Name and Mailing Address
IUV Phase 1 Owner LLC/IUV Phase 1 LIHTC Owners LLC
12096 Flatlands Avenue
Brooklyn NY 11236
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Brookside Environmental, Inc. — U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Advanced Waste and Water Technology
208 Route 109
Farmingdale NY 11735
Facility's Phone: 631 213-1324
U.S. EPA ID Number: NYR000218677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, liquid	001	TT	490	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Miguel Angel — Signature — Month 5 Day 10 Year 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi — Signature — Month 5 Day 10 Year 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Brown — Signature — Month 5 Day 10 Year 24

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not required	1	631-608-8810	3057-51024

GENERATOR

5. Generator's Name and Mailing Address
IUV Phase 1 Owner LLC/IUV Phase 1 LIHTC Owners LLC
12096 Flatlands Avenue
Brooklyn NY 11236

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Brookside Environmental, Inc.
U.S. EPA ID Number: NYR000081661

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Water of New York
3249 Richmond Terrace
Staten Island NY 10303
Facility's Phone: 718 981-4600
U.S. EPA ID Number: NYD000968545

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, non-DOT waste, solid (oily debris)	X2	DM	1,000	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) Oily debris. Approval # 237-029

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Miguel Angel Nuñez | Signature | Month: 5 | Day: 13 | Year: 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Librizzi | Signature | Month: 5 | Day: 13 | Year: 24

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month: 5 | Day: 24 | Year: 24

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

BROOKSIDE ENVIRONMENTAL
WWW.BROOKSIDEWEB.COM

22 OCEAN AVENUE
COPIAGUE, NEW YORK 11726
PHONE: 631.608.8810 FAX: 631.608.8811
BIC# 2935

May 14, 2024

FDNY, Bureau of Fire Prevention
Bulk Fuel Safety Unit, Room 3E-102
9 Metro Tech Center
Brooklyn, NY 11201-3857

Re: 12096 Flatlands Avenue
Brooklyn, New York

AFFIDAVIT

Brian Gaudreault being duly sworn says that on May 13, 2024, Brookside Environmental completed the cleaning and removal of eight 550 gallon gasoline tanks in accordance with the provisions of the New York City Fire Code, Chapter 34, Section FC3404.2.13 and FC3404.2.14.

During the removal of the tanks, Brookside:

- Vacuumed and removed 4,215 gallons of gas/water mixture.
- Removed and disposed of 2 drums of tank sludge.
- Cleaned and removed the tanks.
- Disposed of the tanks as scrap metal.
- Removed and disposed of all piping associated with the tanks.
- Post-excavation sampling and a site assessment are being completed by Langan.

This affidavit is issued to attest to the proper tank cleaning and removal procedures by a FDNY Licensed Underground Storage Tank Installer/Remover.

Brian Gaudreault
C.O.F. Type W-16
FDNY License # 81350266
Expires: 6/07/2025

State of New York
County of Suffolk
Sworn before this 14th day of May 2024

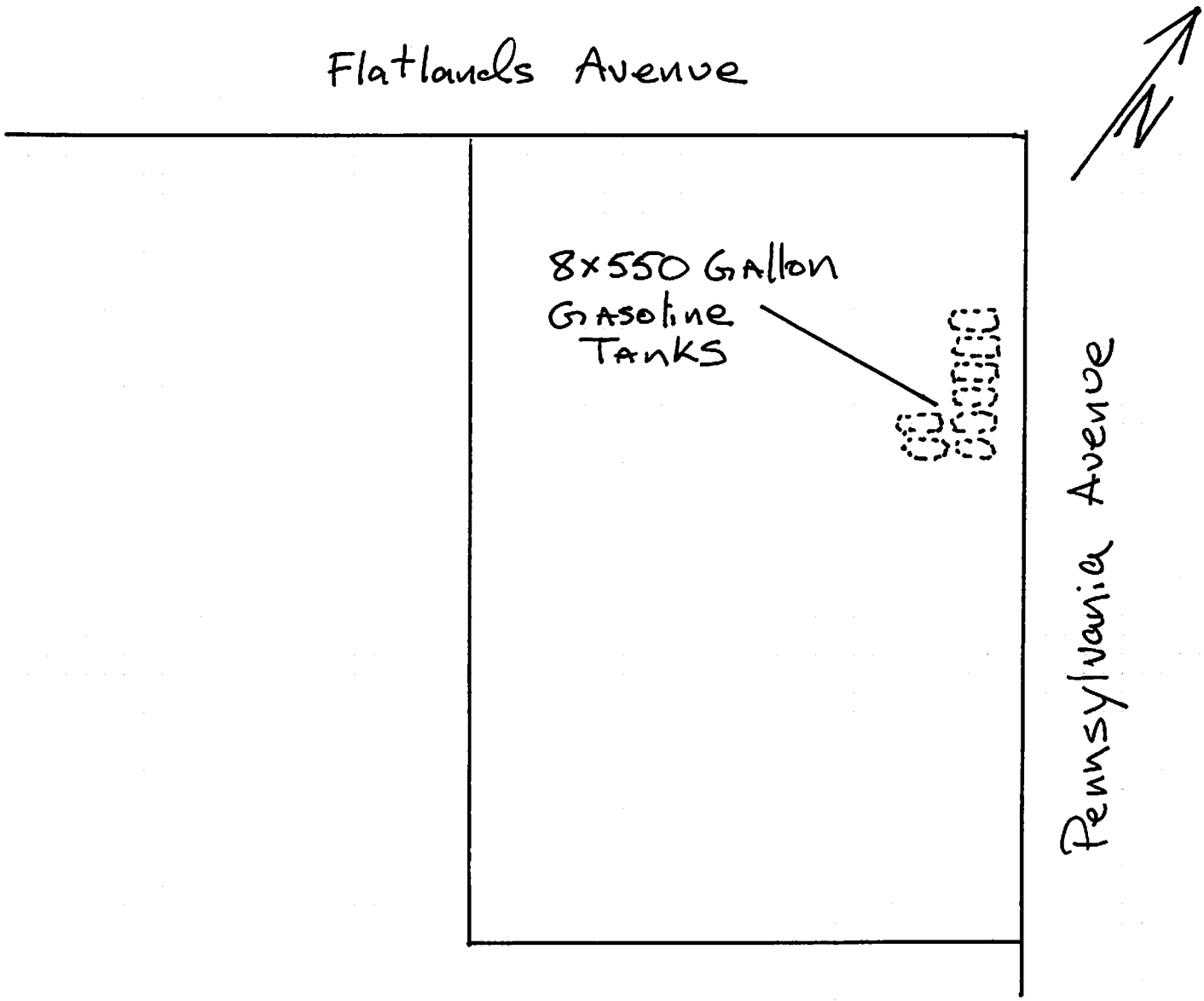
Notary Public Dawn M Siegel
My Commission Expires: 08/04/2025

DAWN M SIEGEL
NOTARY PUBLIC-STATE OF NEW YORK
No. 01SI5082958
Qualified in Suffolk County
My Commission Expires 08-04-2025

BROOKSIDE ENVIRONMENTAL
WWW.BROOKSIDEWEB.COM
PHONE: 516.377.6300
PHONE: 631.608.8810
FAX: 631.608.8811

Project: 12096 Flatlands Avenue, Brooklyn Date: 5/14/24

Re: Removal of 8x550 Gasoline Tanks



RVT
N.T.S.
5/14/24

APPENDIX J

Waste Disposal Facility Approval Documentation

Submitted Under Separate Cover

LANGAN

APPENDIX K

Disposal Manifests and Scale Tickets

Submitted Under Separate Cover

APPENDIX L

Documentation Sample Laboratory Analytical Reports

LANGAN

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/10/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H0169

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 09/10/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H0169

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 02, 2024 and listed below. The project was identified as your project: **100688801**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H0169-01	PE25_15	Soil	08/02/2024	08/02/2024
24H0169-02	PE26_15	Soil	08/02/2024	08/02/2024
24H0169-03	TB_080220254	Water	08/02/2024	08/02/2024

General Notes for York Project (SDG) No.: 24H0169

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

Approved By **Date:** 09/10/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.12	0.24	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.035**		mg/kg dry	0.012	0.024	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.012	0.024	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.018	0.036	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.238	0.475	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.238	0.475	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0597**	J	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0759**	J	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.58**		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0626**	J	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.119	0.237	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.0891**	J	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.110**	J	mg/kg dry	0.0595	0.119	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.4 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.3 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*44.5 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	08/07/2024 08:30	08/08/2024 11:41	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.161	0.256	1	EPA 1633 Draft 3	08/07/2024 08:29	08/09/2024 16:59	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0767	0.290	1	EPA 1633 Draft 3	08/07/2024 08:29	08/09/2024 16:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.152	0.290	1	EPA 1633 Draft 3	08/07/2024 08:29	08/09/2024 16:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.259	0.265	1	EPA 1633 Draft 3	08/07/2024 08:29	08/09/2024 16:59	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.496**		ug/kg dry	0.249	0.290	1	EPA 1633 Draft 3	08/07/2024 08:29	08/09/2024 16:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.264**	J	ug/kg dry	0.242	0.269	1	EPA 1633 Draft 3	08/07/2024 08:29	08/09/2024 16:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.274	0.290	1	EPA 1633 Draft 3	08/07/2024 08:29	08/09/2024 16:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.277	0.290	1	EPA 1633 Draft 3	08/07/2024 08:29	08/09/2024 16:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.287	0.290	1	EPA 1633 Draft 3	08/07/2024 08:29	08/09/2024 16:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.236	0.290	1	EPA 1633 Draft 3	08/07/2024 08:29	08/09/2024 16:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.181	0.290	1	EPA 1633 Draft 3	08/07/2024 08:29	08/09/2024 16:59	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.149	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.214	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.281	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.158	0.579	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.211	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.224	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.277	0.279	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.862	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.09	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.158	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.201	0.516	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.279	0.579	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0898	0.579	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.139	0.579	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.227	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.862	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.880	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.450	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.356	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.252	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.245	0.281	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.180	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 16:59	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.918	1.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ug/kg dry	3.04	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.17	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.885	2.90	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
31506-32-8	* N-MeFOSA	ND	PF-LCS-L	ug/kg dry	0.261	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.01	2.90	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.287	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 16:59	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*115 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.4 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*118 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*131 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*117 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*141 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*8.67 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*156 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*92.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*45.1 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*166 %*	PFSu-H	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*157 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*160 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*189 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*106 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*93.8 %*		*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*53.5 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*40.4 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*81.5 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*127 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*135 %*		*25-150*

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0474	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.237	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*142 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0297**		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.0297**		mg/kg dry	0.0239	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:34	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0289	1	EPA 8151A	08/04/2024 07:36	08/05/2024 19:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0289	1	EPA 8151A	08/04/2024 07:36	08/05/2024 19:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0289	1	EPA 8151A	08/04/2024 07:36	08/05/2024 19:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*50.8 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3740**		mg/kg dry	6.04	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	3.02	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**18.1**		mg/kg dry	1.81	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**4050**		mg/kg dry	3.02	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.181**		mg/kg dry	0.061	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.29**		mg/kg dry	0.363	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**7030**		mg/kg dry	6.05	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**34.6**		mg/kg dry	0.605	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.75**		mg/kg dry	0.483	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**85.2**		mg/kg dry	2.42	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**32500**		mg/kg dry	30.2	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**660**		mg/kg dry	0.605	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**579**		mg/kg dry	6.05	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**171**		mg/kg dry	0.605	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.8**		mg/kg dry	1.20	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**374**		mg/kg dry	6.05	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	3.02	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.609	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**3410**		mg/kg dry	60.5	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	3.02	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.9**		mg/kg dry	1.20	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**2410**		mg/kg dry	3.01	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.634**		mg/kg dry	0.0435	1	EPA 7473	08/07/2024 13:53	08/08/2024 14:51	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.725	1	EPA 7196A	08/06/2024 09:09	08/06/2024 15:51	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**34.6**		mg/kg	0.500	1	Calculation	08/08/2024 16:09	08/08/2024 16:18	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**1.02**		mg/kg dry	0.725	1	EPA 9014/9010C	08/06/2024 08:53	08/06/2024 14:13	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE25_15 **York Sample ID:** 24H0169-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:00 am	08/02/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**68.9**		%	0.100	1	SM 2540G	08/05/2024 13:15	08/05/2024 15:21	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **PE26_15** **York Sample ID:** **24H0169-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.077	0.15	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0084**		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.055**		mg/kg dry	0.0077	0.015	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0077	0.015	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0040**	J	mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CAL-E	mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.023	1	EPA 8260D	08/05/2024 06:40	08/05/2024 10:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.214	0.428	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**0.107**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.214	0.428	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.315**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.354**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.365**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.203**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.109**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.0846**	J	mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.339**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.107	0.214	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.462**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.211**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.447**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.614**		mg/kg dry	0.0536	0.107	2	EPA 8270E	08/05/2024 08:29	08/06/2024 18:50	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*58.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*38.0 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/07/2024 08:30	08/08/2024 11:58	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*67.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.141	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0671	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.133	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.227	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.228**	J	ug/kg dry	0.218	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.336**		ug/kg dry	0.211	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.239	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.242	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.251	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.206	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.158	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.130	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.187	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.246	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.138	0.506	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.185	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.196	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.242	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.753	0.962	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.956	0.972	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.138	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.176	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.244	0.506	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0785	0.506	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.122	0.506	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.199	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.753	0.950	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.770	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.394	0.957	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.311	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.220	0.957	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.214	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.157	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/07/2024 08:29	08/09/2024 17:15	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.803	1.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ug/kg dry	2.66	6.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.90	6.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.774	2.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
31506-32-8	* N-MeFOSA	ND	PF-LCS-L	ug/kg dry	0.228	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.882	2.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.251	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/07/2024 08:29	08/09/2024 17:15	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*108 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*123 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*126 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*132 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*137 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*131 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*117 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*21.8 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*157 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*114 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*102 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*159 %*	PFSu-H	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*164 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*98.3 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*146 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*119 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*56.4 %*		*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*45.0 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*41.9 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*123 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*128 %*		*25-150*

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0420	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.210	5	EPA 8081B	08/04/2024 07:43	08/05/2024 13:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0212	1	EPA 8082A	08/04/2024 07:43	08/05/2024 16:49	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-140*

Herbicides, Target List

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0256	1	EPA 8151A	08/04/2024 07:36	08/05/2024 20:00	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0256	1	EPA 8151A	08/04/2024 07:36	08/05/2024 20:00	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0256	1	EPA 8151A	08/04/2024 07:36	08/05/2024 20:00	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*72.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4660**		mg/kg dry	5.36	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.68	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**12.6**		mg/kg dry	1.61	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**603**		mg/kg dry	2.68	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**3.41**		mg/kg dry	0.054	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.793**		mg/kg dry	0.322	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3880**		mg/kg dry	5.36	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**85.9**		mg/kg dry	0.536	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.71**		mg/kg dry	0.428	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**107**		mg/kg dry	2.14	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**28000**		mg/kg dry	26.8	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**519**		mg/kg dry	0.536	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**619**		mg/kg dry	5.36	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**182**		mg/kg dry	0.536	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**17.6**		mg/kg dry	1.07	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**403**		mg/kg dry	5.36	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.68	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.540	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**631**		mg/kg dry	53.6	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.68	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.6**		mg/kg dry	1.07	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**451**		mg/kg dry	2.67	1	EPA 6010D	08/07/2024 14:36	08/08/2024 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.944**		mg/kg dry	0.0386	1	EPA 7473	08/07/2024 13:53	08/08/2024 14:51	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.643	1	EPA 7196A	08/06/2024 09:09	08/06/2024 15:51	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**85.9**		mg/kg	0.500	1	Calculation	08/08/2024 16:09	08/08/2024 16:18	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.643**		mg/kg dry	0.643	1	EPA 9014/9010C	08/06/2024 08:53	08/06/2024 14:13	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE26_15 **York Sample ID:** 24H0169-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Soil	August 2, 2024 10:30 am	08/02/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.7**		%	0.100	1	SM 2540G	08/05/2024 13:15	08/05/2024 15:21	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: TB_080220254 **York Sample ID:** 24H0169-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Water	August 2, 2024 1:45 pm	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CAL-E	ug/L	40	40	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_080220254 **York Sample ID:** 24H0169-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Water	August 2, 2024 1:45 pm	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	CAL-E	ug/L	1.0	2.0	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_080220254 **York Sample ID:** 24H0169-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Water	August 2, 2024 1:45 pm	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CAL-E, CCVE	ug/L	0.50	1.0	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_080220254 **York Sample ID:** 24H0169-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0169	100688801	Water	August 2, 2024 1:45 pm	08/02/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/05/2024 06:31	08/05/2024 11:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.8 %*	*79-122*

Analytical Batch Summary

Batch ID: BG41992 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-03	TB_080220254	08/05/24
BG41992-BLK1	Blank	08/05/24
BG41992-BS1	LCS	08/05/24
BG41992-BSD1	LCS Dup	08/05/24

Batch ID: BG41999 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/05/24
24H0169-02	PE26_15	08/05/24
BG41999-BLK1	Blank	08/05/24
BG41999-BS1	LCS	08/05/24
BG41999-BSD1	LCS Dup	08/05/24

Batch ID: BH40192 **Preparation Method:** EPA 3550C/8151A **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/04/24
24H0169-02	PE26_15	08/04/24
BH40192-BLK1	Blank	08/04/24
BH40192-BS1	LCS	08/04/24

Batch ID: BH40195 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/04/24
24H0169-01	PE25_15	08/04/24
24H0169-02	PE26_15	08/04/24
24H0169-02	PE26_15	08/04/24
BH40195-BLK1	Blank	08/04/24
BH40195-BLK2	Blank	08/04/24
BH40195-BS1	LCS	08/04/24
BH40195-BS2	LCS	08/04/24

Batch ID: BH40212 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/05/24
24H0169-02	PE26_15	08/05/24

Batch ID: BH40237 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/05/24
24H0169-02	PE26_15	08/05/24
BH40237-BLK1	Blank	08/05/24
BH40237-BS1	LCS	08/05/24

Batch ID: BH40326 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/06/24
24H0169-02	PE26_15	08/06/24
BH40326-BLK1	Blank	08/06/24
BH40326-SRM1	Reference	08/06/24

Batch ID: BH40331 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/06/24
24H0169-02	PE26_15	08/06/24
BH40331-BLK1	Blank	08/06/24
BH40331-SRM1	Reference	08/06/24

Batch ID: BH40419 **Preparation Method:** EPA 1633 Prep **Prepared By:** K H

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/07/24
24H0169-02	PE26_15	08/07/24
BH40419-BLK1	Blank	08/07/24
BH40419-BS1	LCS	08/07/24
BH40419-BS2	LCS	08/07/24

Batch ID: BH40420 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/07/24
24H0169-02	PE26_15	08/07/24
BH40420-BLK1	Blank	08/07/24
BH40420-BS1	LCS	08/07/24

Batch ID: BH40462 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/07/24
24H0169-02	PE26_15	08/07/24
BH40462-BLK1	Blank	08/07/24
BH40462-SRM1	Reference	08/07/24

Batch ID: BH40468 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/07/24
24H0169-02	PE26_15	08/07/24
BH40468-BLK1	Blank	08/07/24
BH40468-SRM1	Reference	08/07/24

Batch ID: BH40571 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H0169-01	PE25_15	08/08/24
24H0169-02	PE26_15	08/08/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41992 - EPA 5030B											
Blank (BG41992-BLK1) Blank									Prepared & Analyzed: 08/05/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41992 - EPA 5030B											
Blank (BG41992-BLK1) Blank								Prepared & Analyzed: 08/05/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*8.94*		*"*	*10.0*		*89.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.24*		*"*	*10.0*		*92.4*	*79-122*				
LCS (BG41992-BS1) LCS								Prepared & Analyzed: 08/05/2024			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	12		"	10.0		124	78-136				
1,1,2,2-Tetrachloroethane	8.6		"	10.0		85.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14		"	10.0		139	54-165				
1,1,2-Trichloroethane	9.2		"	10.0		91.8	82-123				
1,1-Dichloroethane	12		"	10.0		124	82-129				
1,1-Dichloroethylene	13		"	10.0		133	68-138				
1,2,3-Trichlorobenzene	7.0		"	10.0		70.3	40-130				
1,2,3-Trichloropropane	8.4		"	10.0		84.2	77-128				
1,2,4-Trichlorobenzene	7.6		"	10.0		75.5	65-137				
1,2,4-Trimethylbenzene	11		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	7.6		"	10.0		75.5	45-147				
1,2-Dibromoethane	8.6		"	10.0		86.4	83-124				
1,2-Dichlorobenzene	9.8		"	10.0		98.2	79-123				
1,2-Dichloroethane	11		"	10.0		115	73-132				
1,2-Dichloropropane	10		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		111	80-131				
1,3-Dichlorobenzene	10		"	10.0		102	86-130				
1,4-Dichlorobenzene	9.8		"	10.0		97.8	85-130				
1,4-Dioxane	150		"	210		71.9	10-349				
2-Butanone	5.3		"	10.0		52.6	49-152				
2-Hexanone	6.0		"	10.0		60.3	51-146				
4-Methyl-2-pentanone	6.2		"	10.0		61.8	57-145				
Acetone	8.4		"	10.0		84.1	14-150				
Acrolein	2.9		"	10.0		28.7	10-153				
Acrylonitrile	8.9		"	10.0		88.7	51-150				
Benzene	13		"	10.0		129	85-126	High Bias			
Bromochloromethane	11		"	10.0		110	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41992 - EPA 5030B											
LCS (BG41992-BS1) LCS							Prepared & Analyzed: 08/05/2024				
Bromodichloromethane	10		ug/L	10.0		101	79-128				
Bromoform	7.5		"	10.0		75.4	78-133	Low Bias			
Bromomethane	20		"	10.0		204	43-168	High Bias			
Carbon disulfide	13		"	10.0		128	68-146				
Carbon tetrachloride	13		"	10.0		128	77-141				
Chlorobenzene	10		"	10.0		105	88-120				
Chloroethane	15		"	10.0		151	65-136	High Bias			
Chloroform	13		"	10.0		126	82-128				
Chloromethane	12		"	10.0		121	43-155				
cis-1,2-Dichloroethylene	13		"	10.0		126	83-129				
cis-1,3-Dichloropropylene	9.2		"	10.0		91.8	80-131				
Cyclohexane	6.1		"	10.0		60.9	63-149	Low Bias			
Dibromochloromethane	8.9		"	10.0		88.9	80-130				
Dibromomethane	8.8		"	10.0		88.2	72-134				
Dichlorodifluoromethane	10		"	10.0		104	44-144				
Ethyl Benzene	11		"	10.0		115	80-131				
Hexachlorobutadiene	10		"	10.0		105	67-146				
Isopropylbenzene	11		"	10.0		113	76-140				
Methyl acetate	8.7		"	10.0		87.2	51-139				
Methyl tert-butyl ether (MTBE)	9.1		"	10.0		90.6	76-135				
Methylcyclohexane	11		"	10.0		108	72-143				
Methylene chloride	11		"	10.0		113	55-137				
n-Butylbenzene	11		"	10.0		110	79-132				
n-Propylbenzene	11		"	10.0		113	78-133				
o-Xylene	11		"	10.0		109	78-130				
p- & m- Xylenes	22		"	20.0		112	77-133				
p-Isopropyltoluene	11		"	10.0		112	81-136				
sec-Butylbenzene	11		"	10.0		110	79-137				
Styrene	11		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	22		"	50.0		43.1	25-162				
tert-Butylbenzene	9.5		"	10.0		95.0	77-138				
Tetrachloroethylene	11		"	10.0		107	82-131				
Toluene	11		"	10.0		112	80-127				
trans-1,2-Dichloroethylene	13		"	10.0		128	80-132				
trans-1,3-Dichloropropylene	8.7		"	10.0		87.2	78-131				
trans-1,4-dichloro-2-butene	8.6		"	10.0		85.8	63-141				
Trichloroethylene	11		"	10.0		110	82-128				
Trichlorofluoromethane	16		"	10.0		158	67-139	High Bias			
Vinyl Chloride	13		"	10.0		133	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.69*		*"*	*10.0*		*86.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.21*		*"*	*10.0*		*92.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.54*		*"*	*10.0*		*95.4*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41992 - EPA 5030B											
LCS Dup (BG41992-BSD1) LCS Dup								Prepared & Analyzed: 08/05/2024			
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		106	82-126		3.35	30	
1,1,1-Trichloroethane	12		"	10.0		122	78-136		2.04	30	
1,1,2,2-Tetrachloroethane	8.8		"	10.0		88.2	76-129		3.11	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14		"	10.0		136	54-165		2.62	30	
1,1,2-Trichloroethane	9.9		"	10.0		99.2	82-123		7.75	30	
1,1-Dichloroethane	12		"	10.0		123	82-129		1.13	30	
1,1-Dichloroethylene	13		"	10.0		130	68-138		1.90	30	
1,2,3-Trichlorobenzene	7.3		"	10.0		73.3	40-130		4.18	30	
1,2,3-Trichloropropane	8.9		"	10.0		89.3	77-128		5.88	30	
1,2,4-Trichlorobenzene	7.4		"	10.0		74.2	65-137		1.74	30	
1,2,4-Trimethylbenzene	9.6		"	10.0		95.7	82-132		11.7	30	
1,2-Dibromo-3-chloropropane	8.2		"	10.0		82.3	45-147		8.62	30	
1,2-Dibromoethane	9.5		"	10.0		95.3	83-124		9.80	30	
1,2-Dichlorobenzene	8.9		"	10.0		89.4	79-123		9.38	30	
1,2-Dichloroethane	12		"	10.0		122	73-132		6.33	30	
1,2-Dichloropropane	10		"	10.0		104	78-126		0.193	30	
1,3,5-Trimethylbenzene	9.6		"	10.0		96.3	80-131		13.8	30	
1,3-Dichlorobenzene	9.3		"	10.0		93.3	86-130		8.42	30	
1,4-Dichlorobenzene	9.0		"	10.0		90.2	85-130		8.09	30	
1,4-Dioxane	160		"	210		76.3	10-349		5.92	30	
2-Butanone	12		"	10.0		122	49-152		79.2	30	Non-dir.
2-Hexanone	7.9		"	10.0		78.9	51-146		26.7	30	
4-Methyl-2-pentanone	7.3		"	10.0		73.2	57-145		16.9	30	
Acetone	11		"	10.0		108	14-150		24.6	30	
Acrolein	3.0		"	10.0		29.5	10-153		2.75	30	
Acrylonitrile	10		"	10.0		105	51-150		16.8	30	
Benzene	13		"	10.0		129	85-126	High Bias	0.310	30	
Bromochloromethane	12		"	10.0		117	77-128		5.90	30	
Bromodichloromethane	10		"	10.0		102	79-128		1.38	30	
Bromoform	8.7		"	10.0		86.6	78-133		13.8	30	
Bromomethane	20		"	10.0		199	43-168	High Bias	2.43	30	
Carbon disulfide	12		"	10.0		123	68-146		4.14	30	
Carbon tetrachloride	13		"	10.0		128	77-141		0.234	30	
Chlorobenzene	10		"	10.0		103	88-120		1.64	30	
Chloroethane	14		"	10.0		144	65-136	High Bias	4.74	30	
Chloroform	13		"	10.0		127	82-128		1.18	30	
Chloromethane	12		"	10.0		116	43-155		3.63	30	
cis-1,2-Dichloroethylene	13		"	10.0		125	83-129		0.636	30	
cis-1,3-Dichloropropylene	9.5		"	10.0		94.9	80-131		3.32	30	
Cyclohexane	6.0		"	10.0		60.0	63-149	Low Bias	1.49	30	
Dibromochloromethane	9.7		"	10.0		96.7	80-130		8.41	30	
Dibromomethane	9.8		"	10.0		97.8	72-134		10.3	30	
Dichlorodifluoromethane	10		"	10.0		99.9	44-144		4.12	30	
Ethyl Benzene	11		"	10.0		111	80-131		3.10	30	
Hexachlorobutadiene	8.8		"	10.0		87.9	67-146		17.7	30	
Isopropylbenzene	9.7		"	10.0		96.7	76-140		15.7	30	
Methyl acetate	10		"	10.0		104	51-139		17.6	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		109	76-135		18.1	30	
Methylcyclohexane	10		"	10.0		101	72-143		6.12	30	
Methylene chloride	12		"	10.0		117	55-137		3.47	30	
n-Butylbenzene	9.4		"	10.0		94.2	79-132		15.0	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41992 - EPA 5030B											
LCS Dup (BG41992-BSD1) LCS Dup								Prepared & Analyzed: 08/05/2024			
n-Propylbenzene	9.7		ug/L	10.0		96.8	78-133		15.8	30	
o-Xylene	11		"	10.0		107	78-130		2.23	30	
p- & m- Xylenes	21		"	20.0		107	77-133		4.47	30	
p-Isopropyltoluene	9.6		"	10.0		96.3	81-136		15.1	30	
sec-Butylbenzene	9.4		"	10.0		93.8	79-137		15.6	30	
Styrene	11		"	10.0		110	67-132		0.274	30	
tert-Butyl alcohol (TBA)	32		"	50.0		64.9	25-162		40.4	30	Non-dir.
tert-Butylbenzene	8.2		"	10.0		81.7	77-138		15.1	30	
Tetrachloroethylene	9.8		"	10.0		98.4	82-131		8.56	30	
Toluene	11		"	10.0		106	80-127		5.70	30	
trans-1,2-Dichloroethylene	13		"	10.0		127	80-132		1.10	30	
trans-1,3-Dichloropropylene	9.4		"	10.0		94.2	78-131		7.72	30	
trans-1,4-dichloro-2-butene	8.7		"	10.0		87.4	63-141		1.85	30	
Trichloroethylene	10		"	10.0		102	82-128		7.63	30	
Trichlorofluoromethane	15		"	10.0		151	67-139	High Bias	3.95	30	
Vinyl Chloride	13		"	10.0		134	58-145		0.450	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*8.89*		*"*	*10.0*		*88.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.92*		*"*	*10.0*		*89.2*	*79-122*				
Batch BG41999 - EPA 5035A											
Blank (BG41999-BLK1) Blank								Prepared & Analyzed: 08/05/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41999 - EPA 5035A											
Blank (BG41999-BLK1) Blank									Prepared & Analyzed: 08/05/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41999 - EPA 5035A											
LCS (BG41999-BS1) LCS							Prepared & Analyzed: 08/05/2024				
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	57		"	50.0		115	71-137				
1,1,2,2-Tetrachloroethane	51		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64		"	50.0		128	58-146				
1,1,2-Trichloroethane	50		"	50.0		99.9	83-123				
1,1-Dichloroethane	59		"	50.0		119	75-130				
1,1-Dichloroethylene	64		"	50.0		128	64-137				
1,2,3-Trichlorobenzene	54		"	50.0		107	81-140				
1,2,3-Trichloropropane	48		"	50.0		95.9	81-126				
1,2,4-Trichlorobenzene	56		"	50.0		112	80-141				
1,2,4-Trimethylbenzene	55		"	50.0		109	84-125				
1,2-Dibromo-3-chloropropane	52		"	50.0		104	74-142				
1,2-Dibromoethane	50		"	50.0		99.8	86-123				
1,2-Dichlorobenzene	50		"	50.0		100	85-122				
1,2-Dichloroethane	55		"	50.0		110	71-133				
1,2-Dichloropropane	54		"	50.0		108	81-122				
1,3,5-Trimethylbenzene	55		"	50.0		110	82-126				
1,3-Dichlorobenzene	51		"	50.0		102	84-124				
1,4-Dichlorobenzene	50		"	50.0		101	84-124				
1,4-Dioxane	850		"	1050		81.2	10-228				
2-Butanone	57		"	50.0		113	58-147				
2-Hexanone	53		"	50.0		105	70-139				
4-Methyl-2-pentanone	39		"	50.0		78.9	72-132				
Acetone	43		"	50.0		85.6	36-155				
Acrolein	21		"	50.0		41.8	10-238				
Acrylonitrile	58		"	50.0		116	66-141				
Benzene	57		"	50.0		115	77-127				
Bromochloromethane	61		"	50.0		122	74-129				
Bromodichloromethane	53		"	50.0		105	81-124				
Bromoform	50		"	50.0		101	80-136				
Bromomethane	60		"	50.0		120	32-177				
Carbon disulfide	65		"	50.0		129	10-136				
Carbon tetrachloride	56		"	50.0		113	66-143				
Chlorobenzene	52		"	50.0		103	86-120				
Chloroethane	66		"	50.0		132	51-142				
Chloroform	56		"	50.0		112	76-131				
Chloromethane	70		"	50.0		139	49-132	High Bias			
cis-1,2-Dichloroethylene	60		"	50.0		120	74-132				
cis-1,3-Dichloropropylene	54		"	50.0		108	81-129				
Cyclohexane	68		"	50.0		135	70-130	High Bias			
Dibromochloromethane	51		"	50.0		103	10-200				
Dibromomethane	49		"	50.0		98.8	83-124				
Dichlorodifluoromethane	48		"	50.0		95.8	28-158				
Ethyl Benzene	54		"	50.0		109	84-125				
Hexachlorobutadiene	54		"	50.0		108	83-133				
Isopropylbenzene	54		"	50.0		108	81-127				
Methyl acetate	52		"	50.0		104	41-143				
Methyl tert-butyl ether (MTBE)	58		"	50.0		115	74-131				
Methylcyclohexane	55		"	50.0		110	70-130				
Methylene chloride	59		"	50.0		119	57-141				
n-Butylbenzene	56		"	50.0		111	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41999 - EPA 5035A											
LCS (BG41999-BS1) LCS								Prepared & Analyzed: 08/05/2024			
n-Propylbenzene	54		ug/L	50.0		108	74-136				
o-Xylene	52		"	50.0		104	83-123				
p- & m- Xylenes	110		"	100		105	82-128				
p-Isopropyltoluene	55		"	50.0		110	85-125				
sec-Butylbenzene	54		"	50.0		109	83-125				
Styrene	55		"	50.0		109	86-126				
tert-Butyl alcohol (TBA)	260		"	250		104	70-130				
tert-Butylbenzene	47		"	50.0		93.8	80-127				
Tetrachloroethylene	42		"	50.0		84.1	80-129				
Toluene	53		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	62		"	50.0		124	72-132				
trans-1,3-Dichloropropylene	56		"	50.0		112	78-132				
trans-1,4-dichloro-2-butene	53		"	50.0		106	75-135				
Trichloroethylene	53		"	50.0		106	84-123				
Trichlorofluoromethane	60		"	50.0		120	62-140				
Vinyl Chloride	70		"	50.0		140	52-130	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.2*		*"*	*50.0*		*96.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BG41999-BSD1) LCS Dup								Prepared & Analyzed: 08/05/2024			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	75-129		0.540	30	
1,1,1-Trichloroethane	57		"	50.0		114	71-137		0.0873	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		3.66	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	65		"	50.0		130	58-146		2.29	30	
1,1,2-Trichloroethane	51		"	50.0		103	83-123		2.63	30	
1,1-Dichloroethane	60		"	50.0		120	75-130		1.12	30	
1,1-Dichloroethylene	64		"	50.0		129	64-137		0.280	30	
1,2,3-Trichlorobenzene	54		"	50.0		107	81-140		0.0373	30	
1,2,3-Trichloropropane	51		"	50.0		103	81-126		6.85	30	
1,2,4-Trichlorobenzene	55		"	50.0		109	80-141		2.15	30	
1,2,4-Trimethylbenzene	54		"	50.0		108	84-125		0.808	30	
1,2-Dibromo-3-chloropropane	53		"	50.0		106	74-142		1.98	30	
1,2-Dibromoethane	50		"	50.0		101	86-123		0.858	30	
1,2-Dichlorobenzene	50		"	50.0		101	85-122		0.757	30	
1,2-Dichloroethane	55		"	50.0		111	71-133		1.16	30	
1,2-Dichloropropane	54		"	50.0		109	81-122		0.295	30	
1,3,5-Trimethylbenzene	55		"	50.0		111	82-126		0.253	30	
1,3-Dichlorobenzene	51		"	50.0		101	84-124		0.729	30	
1,4-Dichlorobenzene	50		"	50.0		99.3	84-124		1.50	30	
1,4-Dioxane	860		"	1050		81.8	10-228		0.747	30	
2-Butanone	61		"	50.0		122	58-147		7.57	30	
2-Hexanone	57		"	50.0		114	70-139		7.64	30	
4-Methyl-2-pentanone	41		"	50.0		82.7	72-132		4.65	30	
Acetone	46		"	50.0		91.0	36-155		6.16	30	
Acrolein	20		"	50.0		40.3	10-238		3.60	30	
Acrylonitrile	62		"	50.0		123	66-141		5.53	30	
Benzene	58		"	50.0		115	77-127		0.713	30	
Bromochloromethane	62		"	50.0		123	74-129		0.931	30	
Bromodichloromethane	53		"	50.0		106	81-124		1.15	30	
Bromoform	52		"	50.0		104	80-136		3.00	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG41999 - EPA 5035A											
LCS Dup (BG41999-BSD1) LCS Dup								Prepared & Analyzed: 08/05/2024			
Bromomethane	60		ug/L	50.0		121	32-177		0.582	30	
Carbon disulfide	64		"	50.0		129	10-136		0.511	30	
Carbon tetrachloride	56		"	50.0		112	66-143		0.231	30	
Chlorobenzene	52		"	50.0		103	86-120		0.291	30	
Chloroethane	64		"	50.0		129	51-142		2.65	30	
Chloroform	56		"	50.0		113	76-131		0.409	30	
Chloromethane	69		"	50.0		138	49-132	High Bias	1.10	30	
cis-1,2-Dichloroethylene	61		"	50.0		121	74-132		1.16	30	
cis-1,3-Dichloropropylene	54		"	50.0		109	81-129		0.869	30	
Cyclohexane	67		"	50.0		134	70-130	High Bias	0.579	30	
Dibromochloromethane	52		"	50.0		104	10-200		0.755	30	
Dibromomethane	50		"	50.0		99.5	83-124		0.686	30	
Dichlorodifluoromethane	47		"	50.0		94.1	28-158		1.87	30	
Ethyl Benzene	54		"	50.0		109	84-125		0.166	30	
Hexachlorobutadiene	53		"	50.0		106	83-133		1.27	30	
Isopropylbenzene	54		"	50.0		109	81-127		1.05	30	
Methyl acetate	55		"	50.0		110	41-143		4.82	30	
Methyl tert-butyl ether (MTBE)	59		"	50.0		119	74-131		2.79	30	
Methylcyclohexane	55		"	50.0		109	70-130		0.657	30	
Methylene chloride	60		"	50.0		119	57-141		0.438	30	
n-Butylbenzene	54		"	50.0		109	80-130		2.11	30	
n-Propylbenzene	54		"	50.0		109	74-136		0.351	30	
o-Xylene	53		"	50.0		105	83-123		0.573	30	
p- & m- Xylenes	110		"	100		106	82-128		0.436	30	
p-Isopropyltoluene	55		"	50.0		110	85-125		0.400	30	
sec-Butylbenzene	54		"	50.0		108	83-125		0.628	30	
Styrene	54		"	50.0		109	86-126		0.238	30	
tert-Butyl alcohol (TBA)	290		"	250		117	70-130		12.1	30	
tert-Butylbenzene	47		"	50.0		94.1	80-127		0.277	30	
Tetrachloroethylene	42		"	50.0		83.9	80-129		0.238	30	
Toluene	53		"	50.0		105	85-121		0.266	30	
trans-1,2-Dichloroethylene	62		"	50.0		124	72-132		0.177	30	
trans-1,3-Dichloropropylene	57		"	50.0		113	78-132		1.69	30	
trans-1,4-dichloro-2-butene	55		"	50.0		111	75-135		4.08	30	
Trichloroethylene	53		"	50.0		106	84-123		0.132	30	
Trichlorofluoromethane	60		"	50.0		119	62-140		0.701	30	
Vinyl Chloride	68		"	50.0		136	52-130	High Bias	2.48	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40237 - EPA 3550C											
Blank (BH40237-BLK1) Blank									Prepared & Analyzed: 08/05/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40237 - EPA 3550C											
Blank (BH40237-BLK1) Blank									Prepared & Analyzed: 08/05/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*0.921*		"	*1.66*		*55.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.891*		"	*1.66*		*53.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.460*		"	*0.831*		*55.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.424*		"	*0.831*		*51.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.787*		"	*1.66*		*47.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.530*		"	*0.831*		*63.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40237 - EPA 3550C											
LCS (BH40237-BS1) LCS							Prepared & Analyzed: 08/05/2024				
1,1-Biphenyl	0.366	0.0416	mg/kg wet	0.831		44.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.296	0.0830	"	0.831		35.6	21-131				
1,2,4-Trichlorobenzene	0.355	0.0416	"	0.831		42.7	10-140				
1,2-Dichlorobenzene	0.362	0.0416	"	0.831		43.6	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.399	0.0416	"	0.831		48.1	17-137				
1,3-Dichlorobenzene	0.356	0.0416	"	0.831		42.9	33-110				
1,4-Dichlorobenzene	0.359	0.0416	"	0.831		43.2	32-104				
2,3,4,6-Tetrachlorophenol	0.495	0.0830	"	0.831		59.6	30-130				
2,4,5-Trichlorophenol	0.356	0.0416	"	0.831		42.9	27-118				
2,4,6-Trichlorophenol	0.366	0.0416	"	0.831		44.1	31-120				
2,4-Dichlorophenol	0.384	0.0416	"	0.831		46.2	20-127				
2,4-Dimethylphenol	0.358	0.0416	"	0.831		43.2	14-132				
2,4-Dinitrophenol	0.407	0.0830	"	0.831		49.0	10-171				
2,4-Dinitrotoluene	0.438	0.0416	"	0.831		52.7	34-131				
2,6-Dinitrotoluene	0.441	0.0416	"	0.831		53.1	31-128				
2-Chloronaphthalene	0.355	0.0416	"	0.831		42.8	31-117				
2-Chlorophenol	0.383	0.0416	"	0.831		46.1	33-113				
2-Methylnaphthalene	0.388	0.0416	"	0.831		46.7	12-138				
2-Methylphenol	0.376	0.0416	"	0.831		45.3	10-136				
2-Nitroaniline	0.398	0.0830	"	0.831		48.0	27-132				
2-Nitrophenol	0.380	0.0416	"	0.831		45.8	17-129				
3- & 4-Methylphenols	0.339	0.0416	"	0.831		40.8	29-103				
3,3-Dichlorobenzidine	0.290	0.0416	"	0.831		34.9	22-149				
3-Nitroaniline	0.416	0.0830	"	0.831		50.0	20-133				
4,6-Dinitro-2-methylphenol	0.575	0.0830	"	0.831		69.2	10-143				
4-Bromophenyl phenyl ether	0.334	0.0416	"	0.831		40.2	29-120				
4-Chloro-3-methylphenol	0.409	0.0416	"	0.831		49.2	24-129				
4-Chloroaniline	0.323	0.0416	"	0.831		38.9	10-132				
4-Chlorophenyl phenyl ether	0.350	0.0416	"	0.831		42.1	27-124				
4-Nitroaniline	0.409	0.0830	"	0.831		49.2	16-128				
4-Nitrophenol	0.406	0.0830	"	0.831		48.9	10-141				
Acenaphthene	0.343	0.0416	"	0.831		41.3	30-121				
Acenaphthylene	0.337	0.0416	"	0.831		40.6	30-115				
Acetophenone	0.350	0.0416	"	0.831		42.1	20-112				
Aniline	0.285	0.166	"	0.831		34.3	10-119				
Anthracene	0.365	0.0416	"	0.831		44.0	34-118				
Atrazine	0.324	0.0416	"	0.831		39.0	26-112				
Benzaldehyde	0.218	0.0416	"	0.831		26.2	21-100				
Benzo(a)anthracene	0.356	0.0416	"	0.831		42.9	32-122				
Benzo(a)pyrene	0.361	0.0416	"	0.831		43.5	29-133				
Benzo(b)fluoranthene	0.364	0.0416	"	0.831		43.9	25-133				
Benzo(g,h,i)perylene	0.373	0.0416	"	0.831		44.9	10-143				
Benzo(k)fluoranthene	0.384	0.0416	"	0.831		46.2	25-128				
Benzoic acid	0.400	0.0416	"	0.831		48.2	10-140				
Benzyl alcohol	0.359	0.0416	"	0.831		43.2	30-115				
Benzyl butyl phthalate	0.381	0.0416	"	0.831		45.9	26-126				
Bis(2-chloroethoxy)methane	0.381	0.0416	"	0.831		45.8	19-132				
Bis(2-chloroethyl)ether	0.343	0.0416	"	0.831		41.2	19-125				
Bis(2-chloroisopropyl)ether	0.465	0.0416	"	0.831		56.0	20-135				
Bis(2-ethylhexyl)phthalate	0.395	0.0416	"	0.831		47.6	10-155				
Caprolactam	0.392	0.0830	"	0.831		47.2	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40237 - EPA 3550C											
LCS (BH40237-BS1) LCS							Prepared & Analyzed: 08/05/2024				
Carbazole	0.367	0.0416	mg/kg wet	0.831		44.2	35-123				
Chrysene	0.381	0.0416	"	0.831		45.8	32-123				
Dibenzo(a,h)anthracene	0.368	0.0416	"	0.831		44.4	10-136				
Dibenzofuran	0.361	0.0416	"	0.831		43.5	29-121				
Diethyl phthalate	0.370	0.0416	"	0.831		44.6	34-116				
Dimethyl phthalate	0.369	0.0416	"	0.831		44.4	35-124				
Di-n-butyl phthalate	0.370	0.0416	"	0.831		44.6	31-116				
Di-n-octyl phthalate	0.363	0.0416	"	0.831		43.8	26-136				
Diphenylamine	0.418	0.0830	"	0.831		50.3	40-140				
Fluoranthene	0.341	0.0416	"	0.831		41.0	33-122				
Fluorene	0.359	0.0416	"	0.831		43.2	29-123				
Hexachlorobenzene	0.380	0.0416	"	0.831		45.8	21-124				
Hexachlorobutadiene	0.325	0.0416	"	0.831		39.2	10-149				
Hexachlorocyclopentadiene	0.331	0.0416	"	0.831		39.8	10-129				
Hexachloroethane	0.366	0.0416	"	0.831		44.1	28-108				
Indeno(1,2,3-cd)pyrene	0.350	0.0416	"	0.831		42.2	10-135				
Isophorone	0.372	0.0416	"	0.831		44.8	20-132				
Naphthalene	0.378	0.0416	"	0.831		45.5	23-124				
Nitrobenzene	0.398	0.0416	"	0.831		47.9	13-132				
N-Nitrosodimethylamine	0.360	0.0416	"	0.831		43.3	11-129				
N-nitroso-di-n-propylamine	0.368	0.0416	"	0.831		44.4	24-119				
N-Nitrosodiphenylamine	0.420	0.0416	"	0.831		50.6	22-152				
Pentachlorophenol	0.344	0.0416	"	0.831		41.4	10-139				
Phenanthrene	0.375	0.0416	"	0.831		45.2	33-123				
Phenol	0.392	0.0416	"	0.831		47.2	23-115				
Pyrene	0.370	0.0416	"	0.831		44.6	32-130				
Surrogate: SURR: 2-Fluorophenol	*0.725*		*"*	*1.66*		*43.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.711*		*"*	*1.66*		*42.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.371*		*"*	*0.831*		*44.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.342*		*"*	*0.831*		*41.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.701*		*"*	*1.66*		*42.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.373*		*"*	*0.831*		*44.9*	*24-116*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40420 - EPA 3550C											
Blank (BH40420-BLK1) Blank								Prepared & Analyzed: 08/07/2024			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*422*		*"*	*495*		*85.2*	*39-127.5*				
LCS (BH40420-BS1) LCS								Prepared & Analyzed: 08/07/2024			
1,4-Dioxane	451	19.8	ug/kg	495		91.2	40-130				
Surrogate: 1,4-Dioxane-d8	*478*		*"*	*495*		*96.5*	*39-127.5*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40419 - EPA 1633 Prep											
Blank (BH40419-BLK1) Blank									Prepared: 08/07/2024 Analyzed: 08/09/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.21*		"	*2.31*		*95.8*	*25-150*				
Surrogate: M5PFHxA	*2.62*		"	*2.48*		*106*	*25-150*				
Surrogate: M4PFHpA	*2.65*		"	*2.48*		*107*	*25-150*				
Surrogate: M3PFHxS	*2.41*		"	*2.35*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.48*		"	*2.48*		*99.8*	*25-150*				
Surrogate: M6PFDA	*1.09*		"	*1.24*		*88.2*	*25-150*				
Surrogate: M7PFUdA	*1.29*		"	*1.24*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.47*		"	*1.24*		*118*	*25-150*				
Surrogate: M2PFTeDA	*1.84*		"	*1.24*		*148*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40419 - EPA 1633 Prep											
Blank (BH40419-BLK1) Blank								Prepared: 08/07/2024 Analyzed: 08/09/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.5*		*ug/kg wet*	*9.92*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.86*		*"*	*2.38*		*78.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.54*		*"*	*4.96*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.10*		*"*	*2.48*		*44.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.01*		*"*	*4.96*		*40.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.34*		*"*	*4.96*		*47.2*	*25-150*				
Surrogate: M2-6:2 FTS	*0.973*		*"*	*4.72*		*20.6*	*25-200*				
Surrogate: M2-8:2 FTS	*1.31*		*"*	*4.76*		*27.4*	*25-200*				
Surrogate: M9PFNA	*1.12*		*"*	*1.24*		*90.7*	*25-150*				
Surrogate: M2-4:2 FTS	*1.24*		*"*	*4.65*		*26.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.999*		*"*	*2.48*		*40.3*	*25-150*				
Surrogate: d-N-EtFOSA	*0.664*		*"*	*2.48*		*26.8*	*25-150*				
Surrogate: M3HFPO-DA	*6.87*		*"*	*9.92*		*69.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*24.5*		*"*	*24.8*		*98.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*29.6*		*"*	*24.8*		*119*	*25-150*				
LCS (BH40419-BS1) LCS								Prepared: 08/07/2024 Analyzed: 08/09/2024			
Perfluorobutanesulfonic acid (PFBS)	3.47	0.175	ug/kg wet	3.50		98.9	50-150				
Perfluorohexanoic acid (PFHxA)	3.43	0.198	"	3.96		86.7	50-150				
Perfluoroheptanoic acid (PFHpA)	3.58	0.198	"	3.96		90.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.70	0.181	"	3.62		102	50-150				
Perfluorooctanoic acid (PFOA)	3.34	0.198	"	3.96		84.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.28	0.184	"	3.68		89.1	50-150				
Perfluorononanoic acid (PFNA)	4.39	0.198	"	3.96		111	50-150				
Perfluorodecanoic acid (PFDA)	3.81	0.198	"	3.96		96.1	50-150				
Perfluoroundecanoic acid (PFUnA)	3.82	0.198	"	3.96		96.5	50-150				
Perfluorododecanoic acid (PFDoA)	3.55	0.198	"	3.96		89.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.72	0.198	"	3.96		93.9	50-150				
Perfluorotetradecanoic acid (PFTA)	3.49	0.198	"	3.96		88.2	50-150				
N-MeFOSAA	4.09	0.198	"	3.96		103	50-150				
N-EtFOSAA	3.85	0.198	"	3.96		97.3	50-150				
Perfluoropentanoic acid (PFPeA)	7.30	0.396	"	7.92		92.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.18	0.198	"	3.96		131	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.70	0.198	"	3.78		97.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.91	0.191	"	3.82		76.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.8	0.752	"	15.0		105	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.8	0.760	"	15.2		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.4	0.792	"	15.8		97.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.86	0.352	"	7.05		97.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.12	0.396	"	7.92		77.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.79	0.396	"	7.92		98.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.10	0.396	"	7.92		89.7	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.86	0.186	"	3.72		104	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.6	0.743	"	14.9		91.5	50-150				
HFPO-DA (Gen-X)	5.68	0.792	"	7.92		71.7	50-150				
11CL-PF3OUdS	7.03	0.749	"	7.49		94.0	50-150				
9CL-PF3ONS	8.64	0.741	"	7.41		117	50-150				
ADONA	9.40	0.749	"	7.49		126	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40419 - EPA 1633 Prep											
LCS (BH40419-BS1) LCS									Prepared: 08/07/2024 Analyzed: 08/09/2024		
Perfluorododecanesulfonic acid (PFDoS)	3.00	0.192	ug/kg wet	3.84		78.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.71	0.190	"	3.80		97.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.35	0.990	"	15.8		52.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	49.6	4.95	"	79.2		62.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	39.9	4.95	"	79.2		50.4	50-150				
N-MeFOSE	37.0	1.98	"	39.6		93.4	50-150				
N-MeFOSA	3.58	0.198	"	3.96		90.3	50-150				
N-EtFOSE	35.4	1.98	"	39.6		89.3	50-150				
N-EtFOSA	5.61	0.198	"	3.96		142	50-150				
Surrogate: M3PFBS	*2.31*		"	*2.31*		*100*	*25-150*				
Surrogate: M5PFHxA	*2.67*		"	*2.48*		*108*	*25-150*				
Surrogate: M4PFHpA	*2.57*		"	*2.48*		*104*	*25-150*				
Surrogate: M3PFHxS	*2.26*		"	*2.35*		*96.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.32*		"	*2.48*		*93.7*	*25-150*				
Surrogate: M6PFDA	*0.914*		"	*1.24*		*73.8*	*25-150*				
Surrogate: M7PFUdA	*0.918*		"	*1.24*		*74.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.19*		"	*1.24*		*96.2*	*25-150*				
Surrogate: M2PFTeDA	*1.47*		"	*1.24*		*119*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.3*		"	*9.90*		*104*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.69*		"	*2.37*		*71.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.82*		"	*4.95*		*118*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.880*		"	*2.48*		*35.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.53*		"	*4.95*		*31.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.79*		"	*4.95*		*36.1*	*25-150*				
Surrogate: M2-6:2 FTS	*1.03*		"	*4.71*		*21.9*	*25-200*				
Surrogate: M2-8:2 FTS	*1.20*		"	*4.75*		*25.2*	*25-200*				
Surrogate: M9PFNA	*0.765*		"	*1.24*		*61.8*	*25-150*				
Surrogate: M2-4:2 FTS	*1.58*		"	*4.64*		*34.0*	*25-150*				
Surrogate: d-N-MeFOSA	*0.962*		"	*2.48*		*38.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.578*		"	*2.48*		*23.4*	*25-150*				
Surrogate: M3HFPO-DA	*7.59*		"	*9.90*		*76.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.8*		"	*24.8*		*80.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*24.3*		"	*24.8*		*98.1*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40419 - EPA 1633 Prep											
LCS (BH40419-BS2) LCS								Prepared: 08/07/2024 Analyzed: 08/09/2024			
Perfluorobutanesulfonic acid (PFBS)	0.767	0.176	ug/kg wet	0.705		109	50-150				
Perfluorohexanoic acid (PFHxA)	0.734	0.199	"	0.797		92.1	50-150				
Perfluoroheptanoic acid (PFHpA)	0.713	0.199	"	0.797		89.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.773	0.182	"	0.729		106	50-150				
Perfluorooctanoic acid (PFOA)	0.673	0.199	"	0.797		84.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.707	0.185	"	0.741		95.4	50-150				
Perfluorononanoic acid (PFNA)	0.725	0.199	"	0.797		91.0	50-150				
Perfluorodecanoic acid (PFDA)	0.618	0.199	"	0.797		77.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.837	0.199	"	0.797		105	50-150				
Perfluorododecanoic acid (PFDoA)	0.734	0.199	"	0.797		92.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.743	0.199	"	0.797		93.2	50-150				
Perfluorotetradecanoic acid (PFTA)	0.725	0.199	"	0.797		90.9	50-150				
N-MeFOSAA	0.861	0.199	"	0.797		108	50-150				
N-EtFOSAA	0.547	0.199	"	0.797		68.6	50-150				
Perfluoropentanoic acid (PFPeA)	1.48	0.398	"	1.59		93.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.985	0.199	"	0.797		124	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.819	0.199	"	0.761		108	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.507	0.192	"	0.769		65.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.17	0.757	"	3.03		105	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.46	0.765	"	3.06		113	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.07	0.797	"	3.19		96.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.51	0.355	"	1.42		106	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.34	0.398	"	1.59		83.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.67	0.398	"	1.59		105	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.45	0.398	"	1.59		90.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.702	0.187	"	0.749		93.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.12	0.747	"	2.99		104	50-150				
HFPO-DA (Gen-X)	0.933	0.797	"	1.59		58.5	50-150				
11CL-PF3OUdS	1.62	0.753	"	1.51		107	50-150				
9CL-PF3ONS	2.06	0.745	"	1.49		138	50-150				
ADONA	1.88	0.753	"	1.51		125	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.736	0.193	"	0.773		95.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.879	0.191	"	0.765		115	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.15	0.996	"	3.19		36.1	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	10.4	4.98	"	15.9		65.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	9.09	4.98	"	15.9		57.1	50-150				
N-MeFOSE	7.56	1.99	"	7.97		94.8	50-150				
N-MeFOSA	0.385	0.199	"	0.797		48.4	50-150	Low Bias			
N-EtFOSE	7.40	1.99	"	7.97		92.8	50-150				
N-EtFOSA	1.10	0.199	"	0.797		138	50-150				
Surrogate: M3PFBS	*2.29*		"	*2.32*		*98.9*	*25-150*				
Surrogate: M5PFHxA	*2.74*		"	*2.49*		*110*	*25-150*				
Surrogate: M4PFHpA	*2.76*		"	*2.49*		*111*	*25-150*				
Surrogate: M3PFHxS	*2.40*		"	*2.36*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.73*		"	*2.49*		*110*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.25*		*99.1*	*25-150*				
Surrogate: M7PFUdA	*1.31*		"	*1.25*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.32*		"	*1.25*		*106*	*25-150*				
Surrogate: M2PFTeDA	*1.69*		"	*1.25*		*136*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40419 - EPA 1633 Prep											
LCS (BH40419-BS2) LCS									Prepared: 08/07/2024 Analyzed: 08/09/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.8*		*ug/kg wet*	*9.96*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.00*		*"*	*2.39*		*84.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.12*		*"*	*4.98*		*123*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.17*		*"*	*2.49*		*47.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.30*		*"*	*4.98*		*46.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.39*		*"*	*4.98*		*47.9*	*25-150*				
Surrogate: M2-6:2 FTS	*1.07*		*"*	*4.74*		*22.6*	*25-200*				
Surrogate: M2-8:2 FTS	*1.32*		*"*	*4.78*		*27.6*	*25-200*				
Surrogate: M9PFNA	*1.24*		*"*	*1.25*		*99.8*	*25-150*				
Surrogate: M2-4:2 FTS	*1.30*		*"*	*4.67*		*27.7*	*25-150*				
Surrogate: d-N-MeFOSA	*1.16*		*"*	*2.49*		*46.7*	*25-150*				
Surrogate: d-N-EtFOSA	*0.826*		*"*	*2.49*		*33.2*	*25-150*				
Surrogate: M3HFPO-DA	*8.35*		*"*	*9.96*		*83.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*25.4*		*"*	*24.9*		*102*	*25-150*				
Surrogate: d7-N-MeFOSE	*29.2*		*"*	*24.9*		*117*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40195 - EPA 3550C											
Blank (BH40195-BLK1) Blank									Prepared: 08/04/2024 Analyzed: 08/05/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0440*		*"*	*0.0664*		*66.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0474*		*"*	*0.0664*		*71.3*	*30-150*				
LCS (BH40195-BS1) LCS									Prepared: 08/04/2024 Analyzed: 08/05/2024		
4,4'-DDD	0.0475	0.00164	mg/kg wet	0.0664		71.5	40-140				
4,4'-DDE	0.0457	0.00164	"	0.0664		68.8	40-140				
4,4'-DDT	0.0508	0.00164	"	0.0664		76.5	40-140				
Aldrin	0.0448	0.00164	"	0.0664		67.5	40-140				
alpha-BHC	0.0471	0.00164	"	0.0664		70.9	40-140				
alpha-Chlordane	0.0490	0.00164	"	0.0664		73.8	40-140				
beta-BHC	0.0503	0.00164	"	0.0664		75.8	40-140				
delta-BHC	0.0473	0.00164	"	0.0664		71.1	40-140				
Dieldrin	0.0489	0.00164	"	0.0664		73.6	40-140				
Endosulfan I	0.0532	0.00164	"	0.0664		80.1	40-140				
Endosulfan II	0.0538	0.00164	"	0.0664		81.0	40-140				
Endosulfan sulfate	0.0510	0.00164	"	0.0664		76.7	40-140				
Endrin	0.0518	0.00164	"	0.0664		77.9	40-140				
Endrin aldehyde	0.0529	0.00164	"	0.0664		79.6	40-140				
Endrin ketone	0.0547	0.00164	"	0.0664		82.3	40-140				
gamma-BHC (Lindane)	0.0480	0.00164	"	0.0664		72.2	40-140				
gamma-Chlordane	0.0493	0.00164	"	0.0664		74.2	40-140				
Heptachlor	0.0515	0.00164	"	0.0664		77.5	40-140				
Heptachlor epoxide	0.0499	0.00164	"	0.0664		75.1	40-140				
Methoxychlor	0.0511	0.00164	"	0.0664		76.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0883*		*"*	*0.133*		*66.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0932*		*"*	*0.133*		*70.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S4D1660 - BD40913											
Performance Mix (S4D1660-P Performance Mix							Prepared & Analyzed: 04/15/2024				
4,4'-DDD	4.76		ng/mL	0.00			0-200				
4,4'-DDE	0.412		"	0.00			0-200				
4,4'-DDT	201		"	200		100	0-200				
Endrin	105		"	100		105	0-200				
Endrin aldehyde	0.748		"	0.00			0-200				
Endrin ketone	2.30		"	0.00			0-200				
Batch S4E1330 - BE40229											
Performance Mix (S4E1330-P PEST							Prepared & Analyzed: 05/10/2024				
4,4'-DDD	1.62		ng/mL	0.00			0-200				
4,4'-DDE	0.687		"	0.00			0-200				
4,4'-DDT	156		"	200		78.1	0-200				
Endrin	86.6		"	100		86.6	0-200				
Endrin aldehyde	1.20		"	0.00			0-200				
Endrin ketone	1.07		"	0.00			0-200				
Batch S4H0631 - BH40195											
Performance Mix (S4H0631-P PEST							Prepared & Analyzed: 08/05/2024				
4,4'-DDD	4.26		ng/mL	0.00			0-200				
4,4'-DDE	2.33		"	0.00			0-200				
4,4'-DDT	131		"	200		65.6	0-200				
Endrin	76.7		"	100		76.7	0-200				
Endrin aldehyde	2.66		"	0.00			0-200				
Endrin ketone	0.00		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40195 - EPA 3550C											
Blank (BH40195-BLK2) Blank									Prepared: 08/04/2024 Analyzed: 08/05/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0488*		*"*	*0.0664*		*73.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0478*		*"*	*0.0664*		*72.0*	*30-140*				
LCS (BH40195-BS2) LCS									Prepared: 08/04/2024 Analyzed: 08/05/2024		
Aroclor 1016	0.320	0.0166	mg/kg wet	0.332		96.3	40-130				
Aroclor 1260	0.345	0.0166	"	0.332		104	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0475*		*"*	*0.0664*		*71.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0465*		*"*	*0.0664*		*70.0*	*30-140*				
Batch S4H0633 - BH40195											
Aroclor Reference (S4H0633- Aroclor Reference									Prepared & Analyzed: 08/05/2024		
Surrogate: Tetrachloro-m-xylene	*0.186*		*ug/mL*	*0.200*		*93.0*					
Surrogate: Decachlorobiphenyl	*0.188*		*"*	*0.200*		*94.0*					

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40192 - EPA 3550C/8151A											
Blank (BH40192-BLK1) Blank									Prepared: 08/04/2024 Analyzed: 08/05/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.137*		*"*	*0.415*		*33.0*	*21-150*				
LCS (BH40192-BS1) LCS									Prepared: 08/04/2024 Analyzed: 08/06/2024		
2,4,5-T	0.0814	0.0199	mg/kg wet	0.0664		122	10-120	High Bias			
2,4,5-TP (Silvex)	0.0764	0.0199	"	0.0664		115	10-120				
2,4-D	0.0789	0.0199	"	0.0664		119	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.462*		*"*	*0.415*		*111*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40468 - EPA 3050B											
Blank (BH40468-BLK1) Blank									Prepared: 08/07/2024 Analyzed: 08/08/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH40468-SRM1) Reference									Prepared: 08/07/2024 Analyzed: 08/08/2024		
Aluminum	6330	4.17	mg/kg wet	7680		82.4	46.7-129.9				
Antimony	67.9	2.08	"	257		26.4	1-100				
Arsenic	307	1.25	"	360		85.3	70.6-102.2				
Barium	315	2.08	"	332		95.0	75-108.1				
Beryllium	188	0.042	"	183		103	76.5-108.2				
Cadmium	215	0.250	"	238		90.3	73.5-105				
Calcium	5210	4.17	"	5490		95.0	77.2-110.9				
Chromium	186	0.417	"	199		93.5	73.4-107				
Cobalt	86.2	0.333	"	88.7		97.2	76.6-107.6				
Copper	228	1.67	"	227		100	74.9-105.7				
Iron	5940	20.8	"	7360		80.7	51.1-125.8				
Lead	92.8	0.417	"	100		92.8	75.9-110				
Magnesium	1680	4.17	"	1900		88.6	67.4-111.1				
Manganese	528	0.417	"	591		89.4	72.6-107.1				
Nickel	326	0.830	"	342		95.3	75.4-107.6				
Potassium	1240	4.17	"	1500		82.7	66.1-116.7				
Selenium	163	2.08	"	170		95.9	78.2-115.9				
Silver	83.3	0.420	"	88.6		94.0	73.9-112				
Sodium	633	41.7	"	527		120	68.5-115.9	High Bias			
Thallium	210	2.08	"	226		93.1	73.5-108.4				
Vanadium	105	0.830	"	118		89.0	68.1-106.8				
Zinc	170	2.08	"	183		93.0	72.7-109.3				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40462 - EPA 7473 soil											
Blank (BH40462-BLK1) Blank									Prepared: 08/07/2024 Analyzed: 08/08/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH40462-SRM1) Reference									Prepared: 08/07/2024 Analyzed: 08/08/2024		
Mercury	17.494		mg/kg	18.2		96.1	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40326 - Analysis Preparation Soil											
Blank (BH40326-BLK1) Blank									Prepared & Analyzed: 08/06/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH40326-SRM1) Reference									Prepared & Analyzed: 08/06/2024		
Cyanide, total	64.6		ug/mL	59.7		108	38.5-161.4				
Batch BH40331 - EPA SW846-3060											
Blank (BH40331-BLK1) Blank									Prepared & Analyzed: 08/06/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH40331-SRM1) Reference									Prepared & Analyzed: 08/06/2024		
Chromium, Hexavalent	204		mg/L	227		89.6	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H0169-01	PE25_15	40mL Vial with Stir Bar-Cool 4° C
24H0169-02	PE26_15	40mL Vial with Stir Bar-Cool 4° C
24H0169-03	TB_080220254	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to include SVOA QC data.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24H0169

Report To:
Company: LANGAN
Address: 300 Kimball Dr Parsippany, NJ 07054
Phone.: 973-560-4900
Contact: Lauren Kott
E-mail: lkott@langan.com

Invoice To:
Company:
Address:
Phone.: SAME
Contact:
E-mail:

YOUR Project Name / Number: 12096 Flatlands Avenue 100688801

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time
- RUSH - Next Day [ ]
- RUSH - Two Day [ ]
- RUSH - Three Day [ ]
- RUSH - Four Day [ ]
- RUSH - Five Day [ ]
- Standard (6-9 Day) [X]
- PFAS Standard 7-10 Day [ ]

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

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil | Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	PCBs	Pesticides/Herbicides	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane		Grab or Comp.
PE25-15	08/02	1000	S	3									1	X	X	X	X	X	X	X	X	X		G/C
PE26-15	08/02	1030	S	3									1	X	X	X	X	X	X	X	X	X		G/C
TB-08022024					2								1	X										

Report Type (circle)
- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)
- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

- Field Filtered
- Lab Filtered

Comments:

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

Samples iced/chilled at time of lab pickup? circle Yes or No

	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
1.	Daniel Horvath/Langan	08/02/24 1345		
2.			1.	8/2/24 1345
3.	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
		8/2/24 14:35 6.4		8/2/24 1800
4.	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
		8/2/24 19:50		

Samples Received by / Company	Date/Time
2.	8/2/24 14:35
3.	8/2/24 1800

Samples Received in LAB by: Navarro — Date/Time: 8/3/24 19:50 — Temperature: 2.7° Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H0729

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H0729

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 12, 2024 and listed below. The project was identified as your project: **100688801**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H0729-01	PE01_15	Soil	08/12/2024	08/12/2024
24H0729-02	PE02_15	Soil	08/12/2024	08/12/2024
24H0729-03	PE09_15	Soil	08/12/2024	08/12/2024
24H0729-04	PE10_15	Soil	08/12/2024	08/12/2024
24H0729-05	PE17_15	Soil	08/12/2024	08/12/2024
24H0729-06	PE18_15	Soil	08/12/2024	08/12/2024
24H0729-07	TB_08122024	Water	08/12/2024	08/12/2024

General Notes for York Project (SDG) No.: 24H0729

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

Approved By **Date:** 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.040	0.081	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.021**		mg/kg dry	0.0040	0.0081	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0040	0.0081	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0020	0.0040	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/13/2024 12:00	08/13/2024 15:51	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.222	0.444	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.222	0.444	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0877**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0913**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.115**	CCVE	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0576**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0860**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.147**		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0611**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.100**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.157**		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:10	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.2 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.1 %*			*24-116*						

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	08/13/2024 08:00	08/14/2024 13:17	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*69.5 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.146	0.233	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 02:22	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0698	0.264	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 02:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.138	0.264	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 02:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.236	0.241	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 02:22	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.227	0.264	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 02:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-CCV-L	ug/kg dry	0.220	0.245	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 02:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.249	0.264	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 02:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.252	0.264	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 02:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.261	0.264	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 02:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.215	0.264	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 02:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.165	0.264	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 02:22	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.136	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.195	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.256	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.144	0.527	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.192	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.204	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.252	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.784	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.995	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.144	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.183	0.469	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.254	0.527	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0817	0.527	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.127	0.527	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.207	0.248	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.784	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.801	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.410	0.996	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.324	0.986	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.229	0.996	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.223	0.256	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.163	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 02:22	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.835	1.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.76	6.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.98	6.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.805	2.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.237	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.918	2.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.261	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 02:22	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*91.0 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*135 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*100 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*59.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*87.0 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*118 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*86.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*105 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*124 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*191 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*268 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*96.9 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*186 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*134 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*105 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*120 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*78.4 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.0 %*		*25-150*

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0439	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.219	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0221	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:42	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0262	1	EPA 8151A	08/13/2024 13:52	08/14/2024 18:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0262	1	EPA 8151A	08/13/2024 13:52	08/14/2024 18:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0262	1	EPA 8151A	08/13/2024 13:52	08/14/2024 18:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*90.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8790**		mg/kg dry	5.56	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.78	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.01**		mg/kg dry	1.67	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**231**		mg/kg dry	2.77	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.300**		mg/kg dry	0.056	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.578**		mg/kg dry	0.333	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2130**		mg/kg dry	5.56	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.3**		mg/kg dry	0.556	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.48**		mg/kg dry	0.444	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**62.6**		mg/kg dry	2.22	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15600**		mg/kg dry	27.8	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**256**		mg/kg dry	0.556	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1710**		mg/kg dry	5.56	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**130**		mg/kg dry	0.556	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**19.3**		mg/kg dry	1.11	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**777**		mg/kg dry	5.56	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.78	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.560	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**528**		mg/kg dry	55.6	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.78	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**22.6**		mg/kg dry	1.11	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**287**		mg/kg dry	2.77	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.298**		mg/kg dry	0.0400	1	EPA 7473	08/14/2024 13:57	08/15/2024 13:41	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.667	1	EPA 7196A	08/13/2024 09:13	08/13/2024 18:20	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**21.3**		mg/kg	0.500	1	Calculation	08/16/2024 15:01	08/16/2024 15:22	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**2.00**		mg/kg dry	0.667	1	EPA 9014/9010C	08/13/2024 07:13	08/13/2024 13:52	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE01_15 **York Sample ID:** 24H0729-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:20 am	08/12/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.0**		%	0.100	1	SM 2540G	08/14/2024 13:00	08/14/2024 15:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.035	0.070	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.013**		mg/kg dry	0.0035	0.0070	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0035	0.0070	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0018**	J	mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0017	0.0035	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.204	0.408	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.204	0.408	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0619**	J	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0741**	J	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0790**	J	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0627**	J	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.0839**	J	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0709**	J	mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.102**		mg/kg dry	0.0511	0.102	2	EPA 8270E	08/13/2024 08:47	08/13/2024 19:41	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.6 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*70.1 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.1 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*48.1 %*			*24-116*						

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	08/13/2024 08:00	08/14/2024 13:34	SS
							Certifications: NELAC-NY10854			

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*70.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.137	0.218	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0653	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.129	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.221	0.226	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.212	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-CCV-L	ug/kg dry	0.206	0.229	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.233	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.235	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.244	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.201	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.154	0.247	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:10	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.127	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.182	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.239	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.134	0.493	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.180	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.191	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.235	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.733	0.937	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.931	0.947	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.134	0.986	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.171	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.238	0.493	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0764	0.493	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.118	0.493	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.194	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.733	0.924	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.749	0.986	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.383	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.303	0.922	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.214	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.208	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.153	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:10	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.782	1.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.59	6.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.85	6.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.753	2.47	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.222	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.859	2.47	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.244	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:10	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*133 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*102 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*146 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*100 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*69.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*68.4 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*117 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*97.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*132 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*100 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*150 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*139 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*109 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*170 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*179 %*	PFSu-H	*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*119 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*139 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*108 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*104 %*		*25-150*

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0405	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.202	5	EPA 8081B	08/13/2024 08:50	08/13/2024 16:49	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*238 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.0 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11100-14-4	**Aroclor 1268**	**0.183**		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	*** Total PCBs**	**0.183**		mg/kg dry	0.0204	1	EPA 8082A	08/13/2024 08:50	08/13/2024 16:56	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.0 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*241 %*	S-08, S-GC	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0244	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0244	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0244	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*102 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11100**		mg/kg dry	5.18	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.59	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.71**		mg/kg dry	1.55	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**44.4**		mg/kg dry	2.58	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.186**		mg/kg dry	0.052	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.311	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**869**		mg/kg dry	5.18	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.0**		mg/kg dry	0.518	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.33**		mg/kg dry	0.414	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**14.9**		mg/kg dry	2.07	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11700**		mg/kg dry	25.9	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**104**		mg/kg dry	0.518	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1810**		mg/kg dry	5.18	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**70.8**		mg/kg dry	0.518	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.5**		mg/kg dry	1.03	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**670**		mg/kg dry	5.18	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE02_15 **York Sample ID:** 24H0729-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.59	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**231**		mg/kg dry	51.8	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.59	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**22.5**		mg/kg dry	1.03	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**78.8**		mg/kg dry	2.58	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.323**		mg/kg dry	0.0373	1	EPA 7473	08/14/2024 13:57	08/15/2024 13:41	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.621	1	EPA 7196A	08/13/2024 09:13	08/13/2024 18:20	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.0**		mg/kg	0.500	1	Calculation	08/16/2024 15:01	08/16/2024 15:22	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.621	1	EPA 9014/9010C	08/13/2024 07:13	08/13/2024 13:52	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Information

Client Sample ID: **PE02_15** **York Sample ID:** **24H0729-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:30 am	08/12/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.5**		%	0.100	1	SM 2540G	08/14/2024 13:00	08/14/2024 15:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE09_15** **York Sample ID:** **24H0729-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.024	0.047	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0029**	CCVE	mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0096**		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0012	0.0024	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260D	08/13/2024 12:00	08/13/2024 16:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.5 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.236	0.473	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.236	0.473	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.109**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.110**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.114**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0641**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.110**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.118	0.236	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.191**		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0651**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.282**		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.163**		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.211**		mg/kg dry	0.0591	0.118	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*91.7 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*89.1 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*105 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.4 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/13/2024 08:00	08/14/2024 13:52	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.159	0.254	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:27	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0759	0.287	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.150	0.287	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.256	0.262	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:27	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.246	0.287	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-CCV-L	ug/kg dry	0.239	0.267	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.271	0.287	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.274	0.287	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.284	0.287	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.234	0.287	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.179	0.287	1	EPA 1633 Draft 3	08/18/2024 09:59	08/21/2024 03:27	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.148	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.212	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.278	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.156	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.209	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.222	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.274	0.277	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.853	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.08	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.156	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.199	0.510	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.277	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0888	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.138	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.225	0.269	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.853	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.871	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.446	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.352	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.249	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.242	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.178	0.275	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:27	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.908	1.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.01	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.15	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.875	2.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.258	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.999	2.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.284	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:27	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*142 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*155 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*117 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*125 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*108 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*103 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*125 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*108 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*138 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*140 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*184 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*216 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*126 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*188 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*143 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*124 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*149 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*105 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*103 %*		*25-150*

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0473	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.237	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	**Aroclor 1242**	**0.376**		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0520**		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.428**		mg/kg dry	0.0239	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:37	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.5 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*28.5 %*	S-08, S-GC	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0283	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:08	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0283	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:08	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0283	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:08	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*137 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10400**		mg/kg dry	5.99	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	3.00	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.41**		mg/kg dry	1.80	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**153**		mg/kg dry	2.99	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.276**		mg/kg dry	0.060	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.432**		mg/kg dry	0.360	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3300**		mg/kg dry	5.99	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**23.1**		mg/kg dry	0.600	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.18**		mg/kg dry	0.479	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**35.4**		mg/kg dry	2.40	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14300**		mg/kg dry	30.0	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**158**		mg/kg dry	0.600	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1770**		mg/kg dry	6.00	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**135**		mg/kg dry	0.600	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.2**		mg/kg dry	1.19	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**649**		mg/kg dry	6.00	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	3.00	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.604	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**452**		mg/kg dry	59.9	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	3.00	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.6**		mg/kg dry	1.19	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**192**		mg/kg dry	2.98	1	EPA 6010D	08/14/2024 12:53	08/15/2024 14:42	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.288**		mg/kg dry	0.0432	1	EPA 7473	08/14/2024 13:57	08/15/2024 13:41	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.719	1	EPA 7196A	08/13/2024 09:13	08/13/2024 18:20	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**23.1**		mg/kg	0.500	1	Calculation	08/16/2024 15:01	08/16/2024 15:22	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.719	1	EPA 9014/9010C	08/13/2024 07:13	08/13/2024 13:52	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Information

Client Sample ID: PE09_15 **York Sample ID:** 24H0729-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:40 am	08/12/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**69.5**		%	0.100	1	SM 2540G	08/14/2024 13:00	08/14/2024 15:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE10_15** **York Sample ID:** **24H0729-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.017**	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.056**		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:13	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.230	0.460	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.230	0.460	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.115	0.229	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0576	0.115	2	EPA 8270E	08/13/2024 08:47	08/13/2024 20:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*81.4 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*78.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.0 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/13/2024 08:00	08/14/2024 14:09	SS

Surrogate Recoveries		Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*61.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.153	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0732	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.145	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**2.90**		ug/kg dry	0.247	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.238	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.391**	PF-CCV-L	ug/kg dry	0.231	0.257	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.261	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.264	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.274	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.225	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.173	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.142	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.204	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.268	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.151	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.202	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
375-92-8	* **Perfluoro-1-heptanesulfonic acid (PFHpS)**	**0.236**	J	ug/kg dry	0.214	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.264	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.822	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.04	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.151	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.192	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.267	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0857	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.133	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.217	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.822	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.840	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.430	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.340	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.240	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.233	0.268	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.171	0.265	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:43	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.876	1.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.90	6.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.07	6.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.844	2.76	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.249	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.963	2.76	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.274	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:43	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*127 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*103 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*144 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*109 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*116 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*97.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*68.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*93.7 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*133 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*137 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*169 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*335 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*423 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*117 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*318 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*128 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*102 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*83.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*79.1 %*		*25-150*

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0459	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.229	5	EPA 8081B	08/13/2024 08:50	08/13/2024 17:15	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*23.9 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.9 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0232	1	EPA 8082A	08/13/2024 08:50	08/13/2024 17:50	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.5 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*16.5 %*	S-08, S-GC	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0274	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0274	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0274	1	EPA 8151A	08/13/2024 13:52	08/14/2024 19:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*150 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8090**		mg/kg dry	5.81	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.91	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.73**		mg/kg dry	1.74	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**606**		mg/kg dry	2.90	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.453**		mg/kg dry	0.059	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.930**		mg/kg dry	0.349	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**6170**		mg/kg dry	5.81	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**32.2**		mg/kg dry	0.582	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.50**		mg/kg dry	0.465	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**146**		mg/kg dry	2.33	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**31400**		mg/kg dry	29.1	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**466**		mg/kg dry	0.582	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**775**		mg/kg dry	5.82	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**219**		mg/kg dry	0.582	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.0**		mg/kg dry	1.16	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**468**		mg/kg dry	5.82	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE10_15 **York Sample ID:** 24H0729-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.586	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**881**		mg/kg dry	58.1	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.91	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.7**		mg/kg dry	1.16	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**444**		mg/kg dry	2.90	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.346**		mg/kg dry	0.0419	1	EPA 7473	08/14/2024 13:57	08/15/2024 13:41	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.698	1	EPA 7196A	08/13/2024 09:13	08/13/2024 18:20	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**32.2**		mg/kg	0.500	1	Calculation	08/16/2024 15:01	08/16/2024 15:22	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.698	1	EPA 9014/9010C	08/13/2024 07:13	08/13/2024 13:52	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Information

Client Sample ID: **PE10_15** **York Sample ID:** **24H0729-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 9:50 am	08/12/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**71.7**		%	0.100	1	SM 2540G	08/14/2024 13:00	08/14/2024 15:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE17_15** **York Sample ID:** **24H0729-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.029	0.057	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0098**	CCVE	mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.028**		mg/kg dry	0.0029	0.0057	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0029	0.0057	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	**Methyl acetate**	**0.0025**	J	mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0014	0.0029	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260D	08/13/2024 12:00	08/13/2024 17:40	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.217	0.434	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.217	0.434	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.142**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.140**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.160**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0928**	J	mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0642**	J	mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.153**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.108	0.217	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.271**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0980**	J	mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.199**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.310**		mg/kg dry	0.0544	0.108	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:22	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.3 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/13/2024 08:00	08/14/2024 14:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*65.5 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.144	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0689	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.136	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.233	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.224	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-CCV-L	ug/kg dry	0.217	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.246	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.248	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.257	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.212	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.162	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.134	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.192	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.252	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.142	0.520	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.190	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.201	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.248	0.251	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.773	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.981	0.998	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.142	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.181	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.251	0.520	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0806	0.520	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.125	0.520	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.204	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.773	0.975	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.790	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.404	0.983	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.320	0.972	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.226	0.983	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.220	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.161	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 03:59	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.824	1.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.73	6.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.95	6.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.794	2.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.234	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.906	2.60	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.257	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 03:59	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*175 %*	PFSu-H	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*121 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*178 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*153 %*	PFSu-H	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*132 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*145 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*132 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*115 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*53.8 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*167 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*114 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*126 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*171 %*	PFSu-H	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*202 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*647 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*844 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*134 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*420 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*124 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*103 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*146 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*77.6 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*58.7 %*		*25-150*

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0425	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.213	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:00	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11100-14-4	**Aroclor 1268**	**0.0279**		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
1336-36-3	*** Total PCBs**	**0.0279**		mg/kg dry	0.0215	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:04	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0257	1	EPA 8151A	08/13/2024 08:00	08/13/2024 19:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0257	1	EPA 8151A	08/13/2024 08:00	08/13/2024 19:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0257	1	EPA 8151A	08/13/2024 08:00	08/13/2024 19:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*94.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7770**		mg/kg dry	5.44	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.72	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.10**		mg/kg dry	1.63	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**354**		mg/kg dry	2.71	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.392**		mg/kg dry	0.055	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.446**		mg/kg dry	0.326	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**5350**		mg/kg dry	5.44	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.0**		mg/kg dry	0.544	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.05**		mg/kg dry	0.435	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**79.7**		mg/kg dry	2.18	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15000**		mg/kg dry	27.2	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**416**		mg/kg dry	0.544	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1510**		mg/kg dry	5.44	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**155**		mg/kg dry	0.544	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.2**		mg/kg dry	1.08	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**502**		mg/kg dry	5.44	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.72	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.548	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**649**		mg/kg dry	54.4	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.72	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.1**		mg/kg dry	1.08	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**345**		mg/kg dry	2.71	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.147**		mg/kg dry	0.0392	1	EPA 7473	08/14/2024 13:57	08/15/2024 13:41	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.653	1	EPA 7196A	08/13/2024 09:13	08/13/2024 18:20	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**18.0**		mg/kg	0.500	1	Calculation	08/16/2024 15:01	08/16/2024 15:22	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.653	1	EPA 9014/9010C	08/13/2024 07:13	08/13/2024 13:52	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Information

Client Sample ID: PE17_15 **York Sample ID:** 24H0729-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:00 pm	08/12/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.6**		%	0.100	1	SM 2540G	08/14/2024 13:00	08/14/2024 15:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.013**		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260D	08/13/2024 12:00	08/13/2024 18:07	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.0569**	J	mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.219	0.439	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**0.134**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.219	0.439	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.247**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.240**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.245**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.150**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0867**	J	mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.292**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.110	0.219	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.518**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0806**	J	mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.151**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.594**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.710**		mg/kg dry	0.0549	0.110	2	EPA 8270E	08/13/2024 08:47	08/13/2024 14:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.1 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.9 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.9 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/13/2024 08:00	08/14/2024 14:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*71.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.145	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0693	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.137	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.234	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.225	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-CCV-L	ug/kg dry	0.218	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.247	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.250	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.213	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.163	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.135	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.194	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.254	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.143	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.191	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.203	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.250	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.778	0.994	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.987	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.143	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.182	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.252	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0811	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.126	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.205	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.778	0.981	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.795	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.407	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.322	0.978	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.227	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.221	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.162	0.251	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/18/2024 09:59	08/21/2024 04:15	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.829	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.74	6.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.96	6.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.799	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.235	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.911	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/18/2024 09:59	08/21/2024 04:15	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*133 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*92.7 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*102 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*84.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*87.2 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*84.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*126 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*261 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*344 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*103 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*252 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*107 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*87.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*66.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*66.7 %*		*25-150*

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0433	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.217	5	EPA 8081B	08/13/2024 08:50	08/14/2024 13:14	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*28.8 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.7 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0219	1	EPA 8082A	08/13/2024 08:50	08/13/2024 18:17	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.0 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*22.0 %*	S-08, S-GC	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0263	1	EPA 8151A	08/13/2024 08:00	08/13/2024 19:11	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0263	1	EPA 8151A	08/13/2024 08:00	08/13/2024 19:11	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0263	1	EPA 8151A	08/13/2024 08:00	08/13/2024 19:11	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*70.2 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7530**		mg/kg dry	5.49	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.75	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.75**		mg/kg dry	1.65	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**215**		mg/kg dry	2.74	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.439**		mg/kg dry	0.055	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.373**		mg/kg dry	0.329	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3500**		mg/kg dry	5.49	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.7**		mg/kg dry	0.550	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.03**		mg/kg dry	0.439	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**86.8**		mg/kg dry	2.20	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**18000**		mg/kg dry	27.5	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**185**		mg/kg dry	0.550	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1260**		mg/kg dry	5.50	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**167**		mg/kg dry	0.550	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**19.0**		mg/kg dry	1.09	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**524**		mg/kg dry	5.50	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.75	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE18_15 **York Sample ID:** 24H0729-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**500**		mg/kg dry	54.9	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.75	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.0**		mg/kg dry	1.09	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**268**		mg/kg dry	2.73	1	EPA 6010D	08/15/2024 14:45	08/16/2024 12:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.371**		mg/kg dry	0.0395	1	EPA 7473	08/14/2024 13:57	08/15/2024 13:41	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.659	1	EPA 7196A	08/13/2024 14:37	08/13/2024 20:06	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.7**		mg/kg	0.500	1	Calculation	08/16/2024 15:01	08/16/2024 15:22	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.725**		mg/kg dry	0.659	1	EPA 9014/9010C	08/13/2024 07:13	08/13/2024 13:52	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Information

Client Sample ID: **PE18_15** **York Sample ID:** **24H0729-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Soil	August 12, 2024 12:10 pm	08/12/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.9**		%	0.100	1	SM 2540G	08/14/2024 13:00	08/14/2024 15:08	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: TB_08122024 **York Sample ID:** 24H0729-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Water	August 12, 2024 3:05 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CAL-E	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	40	40	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08122024 **York Sample ID:** 24H0729-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Water	August 12, 2024 3:05 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_08122024 **York Sample ID:** 24H0729-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Water	August 12, 2024 3:05 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.50	1.0	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08122024 **York Sample ID:** 24H0729-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0729	100688801	Water	August 12, 2024 3:05 pm	08/12/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/13/2024 13:00	08/13/2024 16:49	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*87.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*122 %*	*79-122*

Analytical Batch Summary

Batch ID: BH40747 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-05	PE17_15	08/13/24
24H0729-06	PE18_15	08/13/24
BH40747-BLK1	Blank	08/13/24
BH40747-BS1	LCS	08/13/24

Batch ID: BH40748 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-05	PE17_15	08/13/24
24H0729-06	PE18_15	08/13/24
BH40748-BLK1	Blank	08/13/24
BH40748-BS1	LCS	08/13/24

Batch ID: BH40790 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-05	PE17_15	08/13/24
24H0729-06	PE18_15	08/13/24
BH40790-BLK1	Blank	08/13/24
BH40790-SRM1	Reference	08/13/24

Batch ID: BH40812 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-05	PE17_15	08/13/24
24H0729-06	PE18_15	08/13/24
BH40812-BLK1	Blank	08/13/24
BH40812-BS1	LCS	08/13/24

Batch ID: BH40813 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-05	PE17_15	08/13/24
24H0729-05	PE17_15	08/13/24
24H0729-06	PE18_15	08/13/24
24H0729-06	PE18_15	08/13/24
BH40813-BLK1	Blank	08/13/24
BH40813-BLK2	Blank	08/13/24
BH40813-BS1	LCS	08/13/24
BH40813-BS2	LCS	08/13/24

Batch ID: BH40814 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-05	PE17_15	08/13/24
BH40814-BLK1	Blank	08/13/24
BH40814-DUP1	Duplicate	08/13/24
BH40814-SRM1	Reference	08/13/24

Batch ID: BH40833 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
BH40833-BLK1	Blank	08/13/24
BH40833-BS1	LCS	08/13/24

Batch ID: BH40839 **Preparation Method:** EPA SW846-3060 **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-06	PE18_15	08/13/24
BH40839-BLK1	Blank	08/13/24
BH40839-SRM1	Reference	08/13/24

Batch ID: BH40859 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/14/24
24H0729-02	PE02_15	08/14/24
24H0729-03	PE09_15	08/14/24
BH40859-BLK1	Blank	08/14/24
BH40859-DUP1	Duplicate	08/14/24
BH40859-MS1	Matrix Spike	08/14/24
BH40859-PS1	Post Spike	08/14/24
BH40859-SRM1	Reference	08/14/24

Batch ID: BH40872 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/14/24
24H0729-02	PE02_15	08/14/24
24H0729-03	PE09_15	08/14/24
24H0729-04	PE10_15	08/14/24
24H0729-05	PE17_15	08/14/24
24H0729-06	PE18_15	08/14/24

Batch ID: BH40920 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/14/24
24H0729-02	PE02_15	08/14/24
24H0729-03	PE09_15	08/14/24
24H0729-04	PE10_15	08/14/24
24H0729-05	PE17_15	08/14/24
24H0729-06	PE18_15	08/14/24
BH40920-BLK1	Blank	08/14/24
BH40920-SRM1	Reference	08/14/24

Batch ID: BH40942 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/13/24
24H0729-02	PE02_15	08/13/24
24H0729-03	PE09_15	08/13/24
24H0729-04	PE10_15	08/13/24
24H0729-05	PE17_15	08/13/24
24H0729-06	PE18_15	08/13/24
BH40942-BLK1	Blank	08/13/24
BH40942-BS1	LCS	08/13/24
BH40942-BSD1	LCS Dup	08/13/24

Batch ID: BH40943 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date

24H0729-07	TB_08122024	08/13/24
BH40943-BLK1	Blank	08/13/24
BH40943-BS1	LCS	08/13/24
BH40943-BSD1	LCS Dup	08/13/24

Batch ID: BH41013 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-04	PE10_15	08/15/24
24H0729-05	PE17_15	08/15/24
24H0729-06	PE18_15	08/15/24
BH41013-BLK1	Blank	08/15/24
BH41013-SRM1	Reference	08/15/24

Batch ID: BH41107 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/16/24
24H0729-02	PE02_15	08/16/24
24H0729-03	PE09_15	08/16/24
24H0729-04	PE10_15	08/16/24
24H0729-05	PE17_15	08/16/24
24H0729-06	PE18_15	08/16/24

Batch ID: BH41144 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
24H0729-01	PE01_15	08/18/24
24H0729-02	PE02_15	08/18/24
24H0729-03	PE09_15	08/18/24
24H0729-04	PE10_15	08/18/24
24H0729-05	PE17_15	08/18/24
24H0729-06	PE18_15	08/18/24
BH41144-BLK1	Blank	08/18/24
BH41144-BS1	LCS	08/18/24
BH41144-BS2	LCS	08/18/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40942 - EPA 5035A											
Blank (BH40942-BLK1) Blank									Prepared & Analyzed: 08/13/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40942 - EPA 5035A											
Blank (BH40942-BLK1) Blank								Prepared & Analyzed: 08/13/2024			
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.4*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.6*		*"*	*50.0*		*93.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*99.9*	*76-130*				
LCS (BH40942-BS1) LCS								Prepared & Analyzed: 08/13/2024			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.9	75-129				
1,1,1-Trichloroethane	50		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	47		"	50.0		93.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		92.3	58-146				
1,1,2-Trichloroethane	47		"	50.0		93.6	83-123				
1,1-Dichloroethane	48		"	50.0		96.0	75-130				
1,1-Dichloroethylene	45		"	50.0		90.6	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		98.0	81-140				
1,2,3-Trichloropropane	47		"	50.0		93.7	81-126				
1,2,4-Trichlorobenzene	48		"	50.0		96.1	80-141				
1,2,4-Trimethylbenzene	49		"	50.0		98.5	84-125				
1,2-Dibromo-3-chloropropane	45		"	50.0		89.7	74-142				
1,2-Dibromoethane	46		"	50.0		93.0	86-123				
1,2-Dichlorobenzene	48		"	50.0		95.7	85-122				
1,2-Dichloroethane	51		"	50.0		102	71-133				
1,2-Dichloropropane	47		"	50.0		93.3	81-122				
1,3,5-Trimethylbenzene	48		"	50.0		96.7	82-126				
1,3-Dichlorobenzene	48		"	50.0		95.1	84-124				
1,4-Dichlorobenzene	48		"	50.0		95.7	84-124				
1,4-Dioxane	850		"	1050		80.7	10-228				
2-Butanone	62		"	50.0		124	58-147				
2-Hexanone	45		"	50.0		90.9	70-139				
4-Methyl-2-pentanone	46		"	50.0		91.0	72-132				
Acetone	45		"	50.0		90.5	36-155				
Acrolein	26		"	50.0		52.2	10-238				
Acrylonitrile	66		"	50.0		131	66-141				
Benzene	53		"	50.0		105	77-127				
Bromochloromethane	52		"	50.0		105	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40942 - EPA 5035A											
LCS (BH40942-BS1) LCS							Prepared & Analyzed: 08/13/2024				
Bromodichloromethane	49		ug/L	50.0		98.7	81-124				
Bromoform	48		"	50.0		95.9	80-136				
Bromomethane	42		"	50.0		84.7	32-177				
Carbon disulfide	47		"	50.0		93.1	10-136				
Carbon tetrachloride	52		"	50.0		104	66-143				
Chlorobenzene	48		"	50.0		95.8	86-120				
Chloroethane	39		"	50.0		78.3	51-142				
Chloroform	52		"	50.0		103	76-131				
Chloromethane	28		"	50.0		56.4	49-132				
cis-1,2-Dichloroethylene	55		"	50.0		109	74-132				
cis-1,3-Dichloropropylene	46		"	50.0		92.1	81-129				
Cyclohexane	47		"	50.0		94.2	70-130				
Dibromochloromethane	49		"	50.0		98.4	10-200				
Dibromomethane	48		"	50.0		95.5	83-124				
Dichlorodifluoromethane	16		"	50.0		31.1	28-158				
Ethyl Benzene	49		"	50.0		98.8	84-125				
Hexachlorobutadiene	46		"	50.0		93.0	83-133				
Isopropylbenzene	48		"	50.0		96.5	81-127				
Methyl acetate	41		"	50.0		82.9	41-143				
Methyl tert-butyl ether (MTBE)	48		"	50.0		96.3	74-131				
Methylcyclohexane	44		"	50.0		87.4	70-130				
Methylene chloride	49		"	50.0		97.5	57-141				
n-Butylbenzene	49		"	50.0		98.8	80-130				
n-Propylbenzene	47		"	50.0		94.6	74-136				
o-Xylene	48		"	50.0		95.6	83-123				
p- & m- Xylenes	95		"	100		95.3	82-128				
p-Isopropyltoluene	49		"	50.0		98.5	85-125				
sec-Butylbenzene	47		"	50.0		94.1	83-125				
Styrene	51		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	150		"	250		59.1	70-130	Low Bias			
tert-Butylbenzene	47		"	50.0		94.2	80-127				
Tetrachloroethylene	44		"	50.0		87.1	80-129				
Toluene	48		"	50.0		96.7	85-121				
trans-1,2-Dichloroethylene	50		"	50.0		101	72-132				
trans-1,3-Dichloropropylene	46		"	50.0		91.3	78-132				
trans-1,4-dichloro-2-butene	48		"	50.0		95.1	75-135				
Trichloroethylene	48		"	50.0		95.2	84-123				
Trichlorofluoromethane	42		"	50.0		83.0	62-140				
Vinyl Chloride	31		"	50.0		61.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.2*		*"*	*50.0*		*94.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40942 - EPA 5035A											
LCS Dup (BH40942-BSD1) LCS Dup								Prepared & Analyzed: 08/13/2024			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.7	75-129		0.223	30	
1,1,1-Trichloroethane	49		"	50.0		98.8	71-137		1.71	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		101	79-129		7.15	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		89.6	58-146		3.01	30	
1,1,2-Trichloroethane	54		"	50.0		108	83-123		14.4	30	
1,1-Dichloroethane	50		"	50.0		101	75-130		4.72	30	
1,1-Dichloroethylene	46		"	50.0		91.6	64-137		1.14	30	
1,2,3-Trichlorobenzene	51		"	50.0		102	81-140		4.51	30	
1,2,3-Trichloropropane	48		"	50.0		95.4	81-126		1.82	30	
1,2,4-Trichlorobenzene	51		"	50.0		101	80-141		5.15	30	
1,2,4-Trimethylbenzene	52		"	50.0		103	84-125		4.68	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		95.0	74-142		5.72	30	
1,2-Dibromoethane	50		"	50.0		101	86-123		8.27	30	
1,2-Dichlorobenzene	49		"	50.0		98.9	85-122		3.25	30	
1,2-Dichloroethane	52		"	50.0		103	71-133		0.838	30	
1,2-Dichloropropane	49		"	50.0		98.9	81-122		5.79	30	
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126		5.08	30	
1,3-Dichlorobenzene	49		"	50.0		98.1	84-124		3.10	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		5.21	30	
1,4-Dioxane	930		"	1050		88.7	10-228		9.40	30	
2-Butanone	61		"	50.0		121	58-147		1.98	30	
2-Hexanone	46		"	50.0		92.2	70-139		1.46	30	
4-Methyl-2-pentanone	50		"	50.0		99.4	72-132		8.78	30	
Acetone	49		"	50.0		98.9	36-155		8.89	30	
Acrolein	31		"	50.0		62.9	10-238		18.6	30	
Acrylonitrile	63		"	50.0		126	66-141		4.42	30	
Benzene	54		"	50.0		108	77-127		3.20	30	
Bromochloromethane	52		"	50.0		105	74-129		0.0955	30	
Bromodichloromethane	50		"	50.0		99.1	81-124		0.404	30	
Bromoform	50		"	50.0		101	80-136		5.02	30	
Bromomethane	43		"	50.0		85.3	32-177		0.776	30	
Carbon disulfide	45		"	50.0		89.8	10-136		3.65	30	
Carbon tetrachloride	52		"	50.0		103	66-143		0.561	30	
Chlorobenzene	51		"	50.0		101	86-120		5.62	30	
Chloroethane	41		"	50.0		82.2	51-142		4.86	30	
Chloroform	53		"	50.0		107	76-131		3.37	30	
Chloromethane	27		"	50.0		54.6	49-132		3.17	30	
cis-1,2-Dichloroethylene	57		"	50.0		114	74-132		4.21	30	
cis-1,3-Dichloropropylene	49		"	50.0		97.1	81-129		5.24	30	
Cyclohexane	47		"	50.0		94.3	70-130		0.0424	30	
Dibromochloromethane	52		"	50.0		105	10-200		6.49	30	
Dibromomethane	50		"	50.0		100	83-124		4.88	30	
Dichlorodifluoromethane	13		"	50.0		26.1	28-158	Low Bias	17.5	30	
Ethyl Benzene	51		"	50.0		103	84-125		3.95	30	
Hexachlorobutadiene	49		"	50.0		97.2	83-133		4.40	30	
Isopropylbenzene	51		"	50.0		103	81-127		6.48	30	
Methyl acetate	44		"	50.0		87.1	41-143		4.92	30	
Methyl tert-butyl ether (MTBE)	50		"	50.0		100	74-131		4.25	30	
Methylcyclohexane	45		"	50.0		89.2	70-130		1.99	30	
Methylene chloride	52		"	50.0		104	57-141		6.49	30	
n-Butylbenzene	53		"	50.0		105	80-130		6.41	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40942 - EPA 5035A											
LCS Dup (BH40942-BSD1) LCS Dup									Prepared & Analyzed: 08/13/2024		
n-Propylbenzene	51		ug/L	50.0		101	74-136		6.70	30	
o-Xylene	50		"	50.0		99.7	83-123		4.20	30	
p- & m- Xylenes	100		"	100		99.8	82-128		4.65	30	
p-Isopropyltoluene	51		"	50.0		102	85-125		3.78	30	
sec-Butylbenzene	50		"	50.0		100	83-125		6.46	30	
Styrene	53		"	50.0		106	86-126		4.55	30	
tert-Butyl alcohol (TBA)	150		"	250		62.0	70-130	Low Bias	4.77	30	
tert-Butylbenzene	49		"	50.0		97.3	80-127		3.30	30	
Tetrachloroethylene	44		"	50.0		87.0	80-129		0.0919	30	
Toluene	50		"	50.0		100	85-121		3.60	30	
trans-1,2-Dichloroethylene	49		"	50.0		97.6	72-132		3.40	30	
trans-1,3-Dichloropropylene	48		"	50.0		96.2	78-132		5.27	30	
trans-1,4-dichloro-2-butene	51		"	50.0		101	75-135		6.29	30	
Trichloroethylene	50		"	50.0		99.5	84-123		4.50	30	
Trichlorofluoromethane	41		"	50.0		81.3	62-140		2.09	30	
Vinyl Chloride	31		"	50.0		61.6	52-130		0.583	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.3*		*"*	*50.0*		*94.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.1*	*76-130*				
Batch BH40943 - EPA 5030B											
Blank (BH40943-BLK1) Blank									Prepared & Analyzed: 08/13/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.36	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40943 - EPA 5030B											
Blank (BH40943-BLK1) Blank								Prepared & Analyzed: 08/13/2024			
Bromodichloromethane	ND	0.50	ug/L								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.35*		*"*	*10.0*		*93.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40943 - EPA 5030B											
LCS (BH40943-BS1) LCS							Prepared & Analyzed: 08/13/2024				
1,1,1,2-Tetrachloroethane	9.7		ug/L	10.0		97.4	82-126				
1,1,1-Trichloroethane	10		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		115	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165				
1,1,2-Trichloroethane	8.8		"	10.0		88.3	82-123				
1,1-Dichloroethane	9.9		"	10.0		99.4	82-129				
1,1-Dichloroethylene	10		"	10.0		100	68-138				
1,2,3-Trichlorobenzene	5.9		"	10.0		59.3	40-130				
1,2,3-Trichloropropane	13		"	10.0		128	77-128				
1,2,4-Trichlorobenzene	5.9		"	10.0		59.4	65-137	Low Bias			
1,2,4-Trimethylbenzene	12		"	10.0		123	82-132				
1,2-Dibromo-3-chloropropane	11		"	10.0		114	45-147				
1,2-Dibromoethane	9.1		"	10.0		90.8	83-124				
1,2-Dichlorobenzene	10		"	10.0		103	79-123				
1,2-Dichloroethane	9.0		"	10.0		90.5	73-132				
1,2-Dichloropropane	9.8		"	10.0		98.0	78-126				
1,3,5-Trimethylbenzene	13		"	10.0		131	80-131				
1,3-Dichlorobenzene	11		"	10.0		109	86-130				
1,4-Dichlorobenzene	11		"	10.0		106	85-130				
1,4-Dioxane	150		"	210		71.3	10-349				
2-Butanone	8.3		"	10.0		83.2	49-152				
2-Hexanone	6.9		"	10.0		68.7	51-146				
4-Methyl-2-pentanone	5.8		"	10.0		57.9	57-145				
Acetone	7.0		"	10.0		70.4	14-150				
Acrolein	4.6		"	10.0		45.5	10-153				
Acrylonitrile	9.6		"	10.0		96.1	51-150				
Benzene	11		"	10.0		106	85-126				
Bromochloromethane	8.7		"	10.0		87.0	77-128				
Bromodichloromethane	9.3		"	10.0		93.0	79-128				
Bromoform	7.7		"	10.0		76.7	78-133	Low Bias			
Bromomethane	7.5		"	10.0		75.0	43-168				
Carbon disulfide	9.0		"	10.0		90.2	68-146				
Carbon tetrachloride	11		"	10.0		111	77-141				
Chlorobenzene	9.8		"	10.0		98.2	88-120				
Chloroethane	8.0		"	10.0		79.9	65-136				
Chloroform	10		"	10.0		100	82-128				
Chloromethane	5.2		"	10.0		51.7	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		100	83-129				
cis-1,3-Dichloropropylene	8.6		"	10.0		85.5	80-131				
Cyclohexane	8.6		"	10.0		86.2	63-149				
Dibromochloromethane	8.8		"	10.0		87.9	80-130				
Dibromomethane	8.4		"	10.0		84.1	72-134				
Dichlorodifluoromethane	2.8		"	10.0		27.7	44-144	Low Bias			
Ethyl Benzene	11		"	10.0		107	80-131				
Hexachlorobutadiene	5.5		"	10.0		55.3	67-146	Low Bias			
Isopropylbenzene	15		"	10.0		151	76-140	High Bias			
Methyl acetate	7.7		"	10.0		77.3	51-139				
Methyl tert-butyl ether (MTBE)	7.9		"	10.0		78.7	76-135				
Methylcyclohexane	10		"	10.0		103	72-143				
Methylene chloride	9.1		"	10.0		90.8	55-137				
n-Butylbenzene	11		"	10.0		110	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40943 - EPA 5030B											
LCS (BH40943-BS1) LCS								Prepared & Analyzed: 08/13/2024			
n-Propylbenzene	14		ug/L	10.0		143	78-133	High Bias			
o-Xylene	9.8		"	10.0		97.8	78-130				
p- & m- Xylenes	21		"	20.0		103	77-133				
p-Isopropyltoluene	13		"	10.0		128	81-136				
sec-Butylbenzene	13		"	10.0		131	79-137				
Styrene	9.7		"	10.0		96.9	67-132				
tert-Butyl alcohol (TBA)	7.0		"	50.0		14.0	25-162	Low Bias			
tert-Butylbenzene	12		"	10.0		123	77-138				
Tetrachloroethylene	10		"	10.0		105	82-131				
Toluene	10		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		99.7	80-132				
trans-1,3-Dichloropropylene	8.1		"	10.0		81.2	78-131				
trans-1,4-dichloro-2-butene	10		"	10.0		104	63-141				
Trichloroethylene	10		"	10.0		103	82-128				
Trichlorofluoromethane	8.0		"	10.0		80.1	67-139				
Vinyl Chloride	6.4		"	10.0		64.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.59*		*"*	*10.0*		*85.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*12.2*		*"*	*10.0*		*122*	*79-122*				
LCS Dup (BH40943-BSD1) LCS Dup								Prepared & Analyzed: 08/13/2024			
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		107	82-126		9.77	30	
1,1,1-Trichloroethane	11		"	10.0		105	78-136		0.858	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		114	76-129		0.875	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.1		"	10.0		90.7	54-165		11.2	30	
1,1,2-Trichloroethane	10		"	10.0		99.6	82-123		12.0	30	
1,1-Dichloroethane	10		"	10.0		103	82-129		3.85	30	
1,1-Dichloroethylene	9.6		"	10.0		96.4	68-138		3.97	30	
1,2,3-Trichlorobenzene	8.4		"	10.0		84.5	40-130		35.0	30	Non-dir.
1,2,3-Trichloropropane	12		"	10.0		122	77-128		5.44	30	
1,2,4-Trichlorobenzene	8.5		"	10.0		85.4	65-137		35.9	30	Non-dir.
1,2,4-Trimethylbenzene	12		"	10.0		116	82-132		5.86	30	
1,2-Dibromo-3-chloropropane	9.7		"	10.0		96.6	45-147		16.5	30	
1,2-Dibromoethane	9.8		"	10.0		98.5	83-124		8.14	30	
1,2-Dichlorobenzene	11		"	10.0		108	79-123		5.03	30	
1,2-Dichloroethane	11		"	10.0		105	73-132		15.1	30	
1,2-Dichloropropane	10		"	10.0		101	78-126		3.02	30	
1,3,5-Trimethylbenzene	12		"	10.0		117	80-131		11.8	30	
1,3-Dichlorobenzene	11		"	10.0		110	86-130		0.457	30	
1,4-Dichlorobenzene	11		"	10.0		106	85-130		0.283	30	
1,4-Dioxane	200		"	210		92.9	10-349		26.3	30	
2-Butanone	9.4		"	10.0		93.5	49-152		11.7	30	
2-Hexanone	8.9		"	10.0		88.8	51-146		25.5	30	
4-Methyl-2-pentanone	7.6		"	10.0		76.4	57-145		27.6	30	
Acetone	11		"	10.0		109	14-150		43.4	30	Non-dir.
Acrolein	5.5		"	10.0		54.6	10-153		18.2	30	
Acrylonitrile	9.1		"	10.0		90.8	51-150		5.67	30	
Benzene	11		"	10.0		112	85-126		5.43	30	
Bromochloromethane	9.9		"	10.0		99.1	77-128		13.0	30	
Bromodichloromethane	10		"	10.0		101	79-128		8.05	30	
Bromoform	9.0		"	10.0		89.7	78-133		15.6	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40943 - EPA 5030B											
LCS Dup (BH40943-BSD1) LCS Dup							Prepared & Analyzed: 08/13/2024				
Bromomethane	7.3		ug/L	10.0		73.2	43-168		2.43	30	
Carbon disulfide	8.6		"	10.0		86.0	68-146		4.77	30	
Carbon tetrachloride	11		"	10.0		107	77-141		3.03	30	
Chlorobenzene	10		"	10.0		104	88-120		5.45	30	
Chloroethane	7.8		"	10.0		78.4	65-136		1.90	30	
Chloroform	11		"	10.0		110	82-128		8.67	30	
Chloromethane	4.9		"	10.0		49.2	43-155		4.96	30	
cis-1,2-Dichloroethylene	11		"	10.0		107	83-129		6.74	30	
cis-1,3-Dichloropropylene	9.8		"	10.0		97.6	80-131		13.2	30	
Cyclohexane	7.9		"	10.0		78.9	63-149		8.84	30	
Dibromochloromethane	9.9		"	10.0		98.8	80-130		11.7	30	
Dibromomethane	9.5		"	10.0		94.6	72-134		11.8	30	
Dichlorodifluoromethane	2.3		"	10.0		22.9	44-144	Low Bias	19.0	30	
Ethyl Benzene	11		"	10.0		107	80-131		0.748	30	
Hexachlorobutadiene	8.4		"	10.0		83.8	67-146		41.0	30	Non-dir.
Isopropylbenzene	12		"	10.0		121	76-140		22.2	30	
Methyl acetate	9.6		"	10.0		95.9	51-139		21.5	30	
Methyl tert-butyl ether (MTBE)	12		"	10.0		120	76-135		41.6	30	Non-dir.
Methylcyclohexane	8.7		"	10.0		87.0	72-143		16.6	30	
Methylene chloride	9.8		"	10.0		98.5	55-137		8.14	30	
n-Butylbenzene	11		"	10.0		109	79-132		0.547	30	
n-Propylbenzene	12		"	10.0		118	78-133		18.9	30	
o-Xylene	10		"	10.0		104	78-130		5.86	30	
p- & m- Xylenes	21		"	20.0		106	77-133		2.43	30	
p-Isopropyltoluene	12		"	10.0		115	81-136		10.3	30	
sec-Butylbenzene	11		"	10.0		113	79-137		14.6	30	
Styrene	11		"	10.0		107	67-132		10.2	30	
tert-Butyl alcohol (TBA)	8.0		"	50.0		16.1	25-162	Low Bias	14.1	30	
tert-Butylbenzene	11		"	10.0		105	77-138		15.5	30	
Tetrachloroethylene	9.8		"	10.0		98.4	82-131		6.49	30	
Toluene	10		"	10.0		104	80-127		0.962	30	
trans-1,2-Dichloroethylene	10		"	10.0		102	80-132		2.67	30	
trans-1,3-Dichloropropylene	9.6		"	10.0		96.0	78-131		16.7	30	
trans-1,4-dichloro-2-butene	11		"	10.0		113	63-141		8.69	30	
Trichloroethylene	10		"	10.0		99.5	82-128		3.65	30	
Trichlorofluoromethane	7.2		"	10.0		71.9	67-139		10.8	30	
Vinyl Chloride	5.8		"	10.0		58.0	58-145		10.6	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.24*		*"*	*10.0*		*92.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.56*		*"*	*10.0*		*95.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40812 - EPA 3550C											
Blank (BH40812-BLK1) Blank									Prepared & Analyzed: 08/13/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40812 - EPA 3550C											
Blank (BH40812-BLK1) Blank									Prepared & Analyzed: 08/13/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.68*		"	*1.66*		*101*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.52*		"	*1.66*		*91.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.946*		"	*0.831*		*114*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.796*		"	*0.831*		*95.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.46*		"	*1.66*		*88.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.866*		"	*0.831*		*104*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40812 - EPA 3550C											
LCS (BH40812-BS1) LCS							Prepared & Analyzed: 08/13/2024				
1,1-Biphenyl	0.833	0.0416	mg/kg wet	0.831		100	18-111				
1,2,4,5-Tetrachlorobenzene	0.815	0.0830	"	0.831		98.2	21-131				
1,2,4-Trichlorobenzene	0.779	0.0416	"	0.831		93.8	10-140				
1,2-Dichlorobenzene	0.753	0.0416	"	0.831		90.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.907	0.0416	"	0.831		109	17-137				
1,3-Dichlorobenzene	0.767	0.0416	"	0.831		92.3	33-110				
1,4-Dichlorobenzene	0.745	0.0416	"	0.831		89.7	32-104				
2,3,4,6-Tetrachlorophenol	1.03	0.0830	"	0.831		123	30-130				
2,4,5-Trichlorophenol	0.845	0.0416	"	0.831		102	27-118				
2,4,6-Trichlorophenol	0.874	0.0416	"	0.831		105	31-120				
2,4-Dichlorophenol	0.866	0.0416	"	0.831		104	20-127				
2,4-Dimethylphenol	0.878	0.0416	"	0.831		106	14-132				
2,4-Dinitrophenol	1.39	0.0830	"	0.831		168	10-171				
2,4-Dinitrotoluene	1.02	0.0416	"	0.831		123	34-131				
2,6-Dinitrotoluene	1.02	0.0416	"	0.831		122	31-128				
2-Chloronaphthalene	0.811	0.0416	"	0.831		97.6	31-117				
2-Chlorophenol	0.837	0.0416	"	0.831		101	33-113				
2-Methylnaphthalene	0.812	0.0416	"	0.831		97.8	12-138				
2-Methylphenol	0.793	0.0416	"	0.831		95.4	10-136				
2-Nitroaniline	0.999	0.0830	"	0.831		120	27-132				
2-Nitrophenol	0.980	0.0416	"	0.831		118	17-129				
3- & 4-Methylphenols	0.692	0.0416	"	0.831		83.3	29-103				
3,3-Dichlorobenzidine	0.817	0.0416	"	0.831		98.4	22-149				
3-Nitroaniline	0.833	0.0830	"	0.831		100	20-133				
4,6-Dinitro-2-methylphenol	1.15	0.0830	"	0.831		138	10-143				
4-Bromophenyl phenyl ether	0.755	0.0416	"	0.831		90.9	29-120				
4-Chloro-3-methylphenol	0.875	0.0416	"	0.831		105	24-129				
4-Chloroaniline	0.618	0.0416	"	0.831		74.4	10-132				
4-Chlorophenyl phenyl ether	0.745	0.0416	"	0.831		89.7	27-124				
4-Nitroaniline	0.881	0.0830	"	0.831		106	16-128				
4-Nitrophenol	0.935	0.0830	"	0.831		113	10-141				
Acenaphthene	0.793	0.0416	"	0.831		95.4	30-121				
Acenaphthylene	0.790	0.0416	"	0.831		95.1	30-115				
Acetophenone	0.803	0.0416	"	0.831		96.7	20-112				
Aniline	0.719	0.166	"	0.831		86.6	10-119				
Anthracene	0.828	0.0416	"	0.831		99.6	34-118				
Atrazine	0.894	0.0416	"	0.831		108	26-112				
Benzaldehyde	0.767	0.0416	"	0.831		92.4	21-100				
Benzo(a)anthracene	0.856	0.0416	"	0.831		103	32-122				
Benzo(a)pyrene	0.855	0.0416	"	0.831		103	29-133				
Benzo(b)fluoranthene	0.858	0.0416	"	0.831		103	25-133				
Benzo(g,h,i)perylene	0.893	0.0416	"	0.831		107	10-143				
Benzo(k)fluoranthene	0.839	0.0416	"	0.831		101	25-128				
Benzoic acid	0.977	0.0416	"	0.831		118	10-140				
Benzyl alcohol	0.762	0.0416	"	0.831		91.7	30-115				
Benzyl butyl phthalate	0.960	0.0416	"	0.831		116	26-126				
Bis(2-chloroethoxy)methane	0.810	0.0416	"	0.831		97.6	19-132				
Bis(2-chloroethyl)ether	0.775	0.0416	"	0.831		93.4	19-125				
Bis(2-chloroisopropyl)ether	0.758	0.0416	"	0.831		91.3	20-135				
Bis(2-ethylhexyl)phthalate	0.966	0.0416	"	0.831		116	10-155				
Caprolactam	0.859	0.0830	"	0.831		103	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40812 - EPA 3550C											
LCS (BH40812-BS1) LCS							Prepared & Analyzed: 08/13/2024				
Carbazole	0.826	0.0416	mg/kg wet	0.831		99.5	35-123				
Chrysene	0.844	0.0416	"	0.831		102	32-123				
Dibenzo(a,h)anthracene	0.925	0.0416	"	0.831		111	10-136				
Dibenzofuran	0.788	0.0416	"	0.831		94.8	29-121				
Diethyl phthalate	0.801	0.0416	"	0.831		96.4	34-116				
Dimethyl phthalate	0.794	0.0416	"	0.831		95.6	35-124				
Di-n-butyl phthalate	0.873	0.0416	"	0.831		105	31-116				
Di-n-octyl phthalate	1.01	0.0416	"	0.831		121	26-136				
Diphenylamine	0.887	0.0830	"	0.831		107	40-140				
Fluoranthene	0.797	0.0416	"	0.831		95.9	33-122				
Fluorene	0.774	0.0416	"	0.831		93.2	29-123				
Hexachlorobenzene	0.904	0.0416	"	0.831		109	21-124				
Hexachlorobutadiene	0.768	0.0416	"	0.831		92.4	10-149				
Hexachlorocyclopentadiene	0.600	0.0416	"	0.831		72.2	10-129				
Hexachloroethane	0.774	0.0416	"	0.831		93.2	28-108				
Indeno(1,2,3-cd)pyrene	0.997	0.0416	"	0.831		120	10-135				
Isophorone	0.848	0.0416	"	0.831		102	20-132				
Naphthalene	0.828	0.0416	"	0.831		99.7	23-124				
Nitrobenzene	0.977	0.0416	"	0.831		118	13-132				
N-Nitrosodimethylamine	0.805	0.0416	"	0.831		96.9	11-129				
N-nitroso-di-n-propylamine	0.747	0.0416	"	0.831		89.9	24-119				
N-Nitrosodiphenylamine	0.862	0.0416	"	0.831		104	22-152				
Pentachlorophenol	0.866	0.0416	"	0.831		104	10-139				
Phenanthrene	0.808	0.0416	"	0.831		97.2	33-123				
Phenol	0.884	0.0416	"	0.831		106	23-115				
Pyrene	0.883	0.0416	"	0.831		106	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.77*		"	*1.66*		*106*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.63*		"	*1.66*		*98.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*1.05*		"	*0.831*		*126*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.853*		"	*0.831*		*103*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.64*		"	*1.66*		*99.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.941*		"	*0.831*		*113*	*24-116*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40748 - EPA 3550C											
Blank (BH40748-BLK1) Blank									Prepared: 08/13/2024 Analyzed: 08/14/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*304*		*"*	*495*		*61.5*	*39-127.5*				
LCS (BH40748-BS1) LCS									Prepared: 08/13/2024 Analyzed: 08/14/2024		
1,4-Dioxane	495	19.8	ug/kg	495		100	40-130				
Surrogate: 1,4-Dioxane-d8	*282*		*"*	*495*		*57.0*	*39-127.5*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41144 - EPA 1633 Prep											
Blank (BH41144-BLK1) Blank									Prepared: 08/18/2024 Analyzed: 08/20/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.181	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.184	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.396	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.752	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.760	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.792	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.352	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.396	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.396	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.396	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.186	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.743	"								
HFPO-DA (Gen-X)	ND	0.792	"								
11CL-PF3OUdS	0.491	0.749	"								
9CL-PF3ONS	ND	0.741	"								
ADONA	ND	0.749	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.990	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.95	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.95	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*3.49*		"	*2.31*		*151*	*25-150*				
Surrogate: M5PFHxA	*2.79*		"	*2.48*		*113*	*25-150*				
Surrogate: M4PFHpA	*3.14*		"	*2.48*		*127*	*25-150*				
Surrogate: M3PFHxS	*3.18*		"	*2.35*		*135*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.81*		"	*2.48*		*114*	*25-150*				
Surrogate: M6PFDA	*1.29*		"	*1.24*		*104*	*25-150*				
Surrogate: M7PFUdA	*1.35*		"	*1.24*		*109*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.12*		"	*1.24*		*90.1*	*25-150*				
Surrogate: M2PFTeDA	*0.860*		"	*1.24*		*69.5*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41144 - EPA 1633 Prep											
Blank (BH41144-BLK1) Blank								Prepared: 08/18/2024 Analyzed: 08/20/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.0*		*ug/kg wet*	*9.90*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.50*		*"*	*2.37*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.17*		*"*	*4.95*		*104*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.07*		*"*	*2.48*		*124*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.37*		*"*	*4.95*		*88.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.68*		*"*	*4.95*		*94.6*	*25-150*				
Surrogate: M2-6:2 FTS	*7.92*		*"*	*4.71*		*168*	*25-200*				
Surrogate: M2-8:2 FTS	*5.82*		*"*	*4.75*		*122*	*25-200*				
Surrogate: M9PFNA	*1.34*		*"*	*1.24*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*8.44*		*"*	*4.64*		*182*	*25-150*				
Surrogate: d-N-MeFOSA	*3.59*		*"*	*2.48*		*145*	*25-150*				
Surrogate: d-N-EtFOSA	*2.56*		*"*	*2.48*		*104*	*25-150*				
Surrogate: M3HFPO-DA	*15.5*		*"*	*9.90*		*156*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.6*		*"*	*24.8*		*79.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.0*		*"*	*24.8*		*80.9*	*25-150*				
LCS (BH41144-BS1) LCS								Prepared: 08/18/2024 Analyzed: 08/20/2024			
Perfluorobutanesulfonic acid (PFBS)	3.63	0.176	ug/kg wet	3.52		103	50-150				
Perfluorohexanoic acid (PFHxA)	3.99	0.199	"	3.98		100	50-150				
Perfluoroheptanoic acid (PFHpA)	3.74	0.199	"	3.98		94.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.95	0.182	"	3.64		108	50-150				
Perfluorooctanoic acid (PFOA)	4.07	0.199	"	3.98		102	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.80	0.185	"	3.70		103	50-150				
Perfluorononanoic acid (PFNA)	4.13	0.199	"	3.98		104	50-150				
Perfluorodecanoic acid (PFDA)	4.38	0.199	"	3.98		110	50-150				
Perfluoroundecanoic acid (PFUnA)	4.55	0.199	"	3.98		115	50-150				
Perfluorododecanoic acid (PFDoA)	3.65	0.199	"	3.98		91.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.62	0.199	"	3.98		116	50-150				
Perfluorotetradecanoic acid (PFTA)	4.19	0.199	"	3.98		105	50-150				
N-MeFOSAA	4.20	0.199	"	3.98		106	50-150				
N-EtFOSAA	3.94	0.199	"	3.98		99.1	50-150				
Perfluoropentanoic acid (PFPeA)	8.11	0.398	"	7.95		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.79	0.199	"	3.98		95.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.52	0.199	"	3.80		119	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.98	0.192	"	3.84		77.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.6	0.755	"	15.1		110	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.0	0.763	"	15.3		91.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	16.4	0.795	"	15.9		103	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.23	0.354	"	7.08		116	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.87	0.398	"	7.95		112	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.01	0.398	"	7.95		101	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.50	0.398	"	7.95		107	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.14	0.187	"	3.74		111	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	16.8	0.746	"	14.9		113	50-150				
HFPO-DA (Gen-X)	7.11	0.795	"	7.95		89.5	50-150				
11CL-PF3OUdS	2.91	0.751	"	7.51		38.7	50-150	Low Bias			
9CL-PF3ONS	3.34	0.744	"	7.44		44.9	50-150	Low Bias			
ADONA	5.08	0.751	"	7.51		67.6	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41144 - EPA 1633 Prep											
LCS (BH41144-BS1) LCS								Prepared: 08/18/2024 Analyzed: 08/20/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.50	0.193	ug/kg wet	3.86		64.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.55	0.191	"	3.82		93.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	28.3	0.994	"	15.9		178	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	105	4.97	"	79.5		132	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	79.7	4.97	"	79.5		100	50-150				
N-MeFOSE	40.3	1.99	"	39.8		101	50-150				
N-MeFOSA	3.58	0.199	"	3.98		90.1	50-150				
N-EtFOSE	40.3	1.99	"	39.8		101	50-150				
N-EtFOSA	5.31	0.199	"	3.98		134	50-150				
Surrogate: M3PFBS	*3.98*		"	*2.32*		*172*	*25-150*				
Surrogate: M5PFHxA	*3.51*		"	*2.49*		*141*	*25-150*				
Surrogate: M4PFHpA	*3.86*		"	*2.49*		*155*	*25-150*				
Surrogate: M3PFHxS	*3.33*		"	*2.36*		*141*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.26*		"	*2.49*		*131*	*25-150*				
Surrogate: M6PFDA	*1.41*		"	*1.24*		*113*	*25-150*				
Surrogate: M7PFUdA	*1.20*		"	*1.24*		*96.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.07*		"	*1.24*		*86.5*	*25-150*				
Surrogate: M2PFTeDA	*1.04*		"	*1.24*		*83.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.2*		"	*9.94*		*133*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.36*		"	*2.38*		*99.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.64*		"	*4.97*		*134*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.08*		"	*2.49*		*124*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.26*		"	*4.97*		*85.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.08*		"	*4.97*		*82.1*	*25-150*				
Surrogate: M2-6:2 FTS	*9.29*		"	*4.73*		*197*	*25-200*				
Surrogate: M2-8:2 FTS	*6.53*		"	*4.77*		*137*	*25-200*				
Surrogate: M9PFNA	*1.58*		"	*1.24*		*127*	*25-150*				
Surrogate: M2-4:2 FTS	*10.8*		"	*4.66*		*232*	*25-150*				
Surrogate: d-N-MeFOSA	*3.61*		"	*2.49*		*145*	*25-150*				
Surrogate: d-N-EtFOSA	*2.76*		"	*2.49*		*111*	*25-150*				
Surrogate: M3HFPO-DA	*18.7*		"	*9.94*		*188*	*25-150*				
Surrogate: d9-N-EtFOSE	*26.2*		"	*24.9*		*105*	*25-150*				
Surrogate: d7-N-MeFOSE	*27.0*		"	*24.9*		*109*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41144 - EPA 1633 Prep											
LCS (BH41144-BS2) LCS								Prepared: 08/18/2024 Analyzed: 08/20/2024			
Perfluorobutanesulfonic acid (PFBS)	0.654	0.176	ug/kg wet	0.705		92.7	50-150				
Perfluorohexanoic acid (PFHxA)	0.695	0.199	"	0.797		87.2	50-150				
Perfluoroheptanoic acid (PFHpA)	0.610	0.199	"	0.797		76.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.703	0.182	"	0.729		96.4	50-150				
Perfluorooctanoic acid (PFOA)	0.712	0.199	"	0.797		89.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.605	0.185	"	0.741		81.6	50-150				
Perfluorononanoic acid (PFNA)	0.822	0.199	"	0.797		103	50-150				
Perfluorodecanoic acid (PFDA)	0.794	0.199	"	0.797		99.7	50-150				
Perfluoroundecanoic acid (PFUnA)	0.744	0.199	"	0.797		93.3	50-150				
Perfluorododecanoic acid (PFDoA)	0.654	0.199	"	0.797		82.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.839	0.199	"	0.797		105	50-150				
Perfluorotetradecanoic acid (PFTA)	0.740	0.199	"	0.797		92.9	50-150				
N-MeFOSAA	0.759	0.199	"	0.797		95.3	50-150				
N-EtFOSAA	0.764	0.199	"	0.797		95.9	50-150				
Perfluoropentanoic acid (PFPeA)	1.45	0.398	"	1.59		90.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.728	0.199	"	0.797		91.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.668	0.199	"	0.761		87.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.373	0.192	"	0.769		48.5	50-150	Low Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.26	0.757	"	3.03		108	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.43	0.765	"	3.06		79.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.96	0.797	"	3.19		92.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.54	0.355	"	1.42		109	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.39	0.398	"	1.59		87.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.38	0.398	"	1.59		86.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.56	0.398	"	1.59		98.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.787	0.187	"	0.749		105	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.62	0.747	"	2.99		87.7	50-150				
HFPO-DA (Gen-X)	1.50	0.797	"	1.59		94.4	50-150				
11CL-PF3OUdS	0.899	0.753	"	1.51		59.7	50-150				
9CL-PF3ONS	0.662	0.745	"	1.49		44.4	50-150	Low Bias			
ADONA	1.38	0.753	"	1.51		91.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.353	0.193	"	0.773		45.7	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.537	0.191	"	0.765		70.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	4.43	0.996	"	3.19		139	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	19.2	4.98	"	15.9		121	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	17.1	4.98	"	15.9		107	50-150				
N-MeFOSE	7.44	1.99	"	7.97		93.4	50-150				
N-MeFOSA	0.597	0.199	"	0.797		74.9	50-150				
N-EtFOSE	7.22	1.99	"	7.97		90.6	50-150				
N-EtFOSA	0.756	0.199	"	0.797		94.9	50-150				
Surrogate: M3PFBS	*4.19*		"	*2.32*		*181*	*25-150*				
Surrogate: M5PFHxA	*3.24*		"	*2.49*		*130*	*25-150*				
Surrogate: M4PFHpA	*4.18*		"	*2.49*		*168*	*25-150*				
Surrogate: M3PFHxS	*3.79*		"	*2.36*		*160*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.20*		"	*2.49*		*129*	*25-150*				
Surrogate: M6PFDA	*1.44*		"	*1.25*		*116*	*25-150*				
Surrogate: M7PFUdA	*1.39*		"	*1.25*		*111*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.03*		"	*1.25*		*82.6*	*25-150*				
Surrogate: M2PFTeDA	*0.847*		"	*1.25*		*68.0*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41144 - EPA 1633 Prep											
LCS (BH41144-BS2) LCS									Prepared: 08/18/2024 Analyzed: 08/20/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.7*		*ug/kg wet*	*9.96*		*127*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.18*		*"*	*2.39*		*133*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.19*		*"*	*4.98*		*124*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.74*		*"*	*2.49*		*150*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.76*		*"*	*4.98*		*95.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.93*		*"*	*4.98*		*99.0*	*25-150*				
Surrogate: M2-6:2 FTS	*9.32*		*"*	*4.74*		*197*	*25-200*				
Surrogate: M2-8:2 FTS	*7.34*		*"*	*4.78*		*154*	*25-200*				
Surrogate: M9PFNA	*1.58*		*"*	*1.25*		*127*	*25-150*				
Surrogate: M2-4:2 FTS	*11.2*		*"*	*4.67*		*239*	*25-150*				
Surrogate: d-N-MeFOSA	*4.59*		*"*	*2.49*		*185*	*25-150*				
Surrogate: d-N-EtFOSA	*3.41*		*"*	*2.49*		*137*	*25-150*				
Surrogate: M3HFPO-DA	*17.5*		*"*	*9.96*		*176*	*25-150*				
Surrogate: d9-N-EtFOSE	*24.1*		*"*	*24.9*		*96.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*25.3*		*"*	*24.9*		*102*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40813 - EPA 3550C											
Blank (BH40813-BLK1) Blank									Prepared & Analyzed: 08/13/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0408*		*"*	*0.0664*		*61.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0629*		*"*	*0.0664*		*94.7*	*30-150*				
LCS (BH40813-BS1) LCS									Prepared & Analyzed: 08/13/2024		
4,4'-DDD	0.0349	0.00164	mg/kg wet	0.0332		105	40-140				
4,4'-DDE	0.0325	0.00164	"	0.0332		97.8	40-140				
4,4'-DDT	0.0332	0.00164	"	0.0332		100	40-140				
Aldrin	0.0324	0.00164	"	0.0332		97.6	40-140				
alpha-BHC	0.0361	0.00164	"	0.0332		109	40-140				
alpha-Chlordane	0.0319	0.00164	"	0.0332		95.9	40-140				
beta-BHC	0.0361	0.00164	"	0.0332		109	40-140				
delta-BHC	0.0336	0.00164	"	0.0332		101	40-140				
Dieldrin	0.0334	0.00164	"	0.0332		101	40-140				
Endosulfan I	0.0340	0.00164	"	0.0332		102	40-140				
Endosulfan II	0.0353	0.00164	"	0.0332		106	40-140				
Endosulfan sulfate	0.0296	0.00164	"	0.0332		89.2	40-140				
Endrin [2C]	0.0338	0.00164	"	0.0332		102	40-140				
Endrin aldehyde	0.0374	0.00164	"	0.0332		113	40-140				
Endrin ketone	0.0293	0.00164	"	0.0332		88.3	40-140				
gamma-BHC (Lindane)	0.0326	0.00164	"	0.0332		98.0	40-140				
gamma-Chlordane	0.0324	0.00164	"	0.0332		97.6	40-140				
Heptachlor	0.0340	0.00164	"	0.0332		102	40-140				
Heptachlor epoxide	0.0344	0.00164	"	0.0332		104	40-140				
Methoxychlor	0.0332	0.00164	"	0.0332		99.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0492*		*"*	*0.0664*		*74.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0631*		*"*	*0.0664*		*95.0*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40813 - EPA 3550C											
Blank (BH40813-BLK2) Blank								Prepared & Analyzed: 08/13/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0698*		*"*	*0.0664*		*105*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0495*		*"*	*0.0664*		*74.5*	*30-140*				
LCS (BH40813-BS2) LCS								Prepared & Analyzed: 08/13/2024			
Aroclor 1016	0.373	0.0166	mg/kg wet	0.332		112	40-130				
Aroclor 1260	0.373	0.0166	"	0.332		112	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0741*		*"*	*0.0664*		*112*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0532*		*"*	*0.0664*		*80.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40747 - EPA 3550C/8151A											
Blank (BH40747-BLK1) Blank								Prepared & Analyzed: 08/13/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.272*		*"*	*0.415*		*65.6*	*21-150*				
LCS (BH40747-BS1) LCS								Prepared & Analyzed: 08/13/2024			
2,4,5-T	0.0540	0.0199	mg/kg wet	0.0664		81.2	10-120				
2,4,5-TP (Silvex)	0.0640	0.0199	"	0.0664		96.2	10-120				
2,4-D	0.0540	0.0199	"	0.0664		81.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.425*		*"*	*0.415*		*102*	*21-150*				
Batch BH40833 - EPA 3550C/8151A											
Blank (BH40833-BLK1) Blank								Prepared: 08/13/2024 Analyzed: 08/14/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.409*		*"*	*0.415*		*98.6*	*21-150*				
LCS (BH40833-BS1) LCS								Prepared: 08/13/2024 Analyzed: 08/14/2024			
2,4,5-T	0.0689	0.0199	mg/kg wet	0.0664		104	10-120				
2,4,5-TP (Silvex)	0.0698	0.0199	"	0.0664		105	10-120				
2,4-D	0.0706	0.0199	"	0.0664		106	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.436*		*"*	*0.415*		*105*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40859 - EPA 3050B											
Blank (BH40859-BLK1) Blank									Prepared: 08/14/2024 Analyzed: 08/15/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BH40859-DUP1) Duplicate	*Source sample: 24H0729-03 (PE09_15)								Prepared: 08/14/2024 Analyzed: 08/15/2024		
Aluminum	9460	5.99	mg/kg dry		10400				9.44	35	
Antimony	ND	3.00	"		ND					35	
Arsenic	7.08	1.80	"		5.41				26.9	35	
Barium	186	2.99	"		153				19.3	35	
Beryllium	0.240	0.060	"		0.276				14.0	35	
Cadmium	0.468	0.360	"		0.432				8.00	35	
Calcium	3200	5.99	"		3300				3.10	35	
Chromium	19.3	0.600	"		23.1				17.7	35	
Cobalt	4.81	0.479	"		4.18				13.9	35	
Copper	262	2.40	"		35.4				152	35	Non-dir.
Iron	21700	30.0	"		14300				41.5	35	Non-dir.
Lead	198	0.600	"		158				22.1	35	
Magnesium	1660	6.00	"		1770				6.33	35	
Manganese	212	0.600	"		135				44.2	35	Non-dir.
Nickel	14.5	1.19	"		15.2				4.20	35	
Potassium	623	6.00	"		649				4.18	35	
Selenium	ND	3.00	"		ND					35	
Silver	ND	0.604	"		ND					35	
Sodium	704	59.9	"		452				43.5	35	Non-dir.
Thallium	ND	3.00	"		ND					35	
Vanadium	22.0	1.19	"		20.6				6.70	35	
Zinc	364	2.98	"		192				61.8	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40859 - EPA 3050B											
Matrix Spike (BH40859-MS1) Matrix Spike	*Source sample: 24H0729-03 (PE09_15)							Prepared: 08/14/2024 Analyzed: 08/15/2024			
Aluminum	10300	5.99	mg/kg dry	240	10400	NR	75-125	Low Bias			
Antimony	11.1	3.00	"	30.0	ND	37.1	75-125	Low Bias			
Arsenic	249	1.80	"	240	5.41	102	75-125				
Barium	395	2.99	"	240	153	101	75-125				
Beryllium	6.52	0.060	"	5.99	0.276	104	75-125				
Cadmium	6.43	0.360	"	5.99	0.432	100	75-125				
Calcium	3650	5.99	"	120	3300	288	75-125	High Bias			
Chromium	48.0	0.600	"	24.0	23.1	104	75-125				
Cobalt	69.1	0.479	"	59.9	4.18	108	75-125				
Copper	96.1	2.40	"	30.0	35.4	202	75-125	High Bias			
Iron	13500	30.0	"	120	14300	NR	75-125	Low Bias			
Lead	193	0.600	"	59.9	158	58.3	75-125	Low Bias			
Magnesium	1870	6.00	"	120	1770	80.2	75-125				
Manganese	190	0.600	"	59.9	135	90.8	75-125				
Nickel	79.3	1.19	"	59.9	15.2	107	75-125				
Potassium	739	6.00	"	120	649	74.9	75-125	Low Bias			
Selenium	233	3.00	"	240	ND	97.2	75-125				
Silver	6.21	0.604	"	5.99	ND	104	75-125				
Sodium	629	59.9	"	120	452	147	75-125	High Bias			
Thallium	240	3.00	"	240	ND	100	75-125				
Vanadium	81.6	1.19	"	59.9	20.6	102	75-125				
Zinc	235	2.98	"	59.9	192	72.6	75-125	Low Bias			
Post Spike (BH40859-PS1) Post Spike	*Source sample: 24H0729-03 (PE09_15)							Prepared: 08/14/2024 Analyzed: 08/15/2024			
Aluminum	87.4		ug/mL	2.00	86.7	34.3	75-125	Low Bias			
Antimony	0.260		"	0.250	-0.011	104	75-125				
Arsenic	2.19		"	2.00	0.045	107	75-125				
Barium	3.49		"	2.00	1.28	111	75-125				
Beryllium	0.057		"	0.0500	0.002	109	75-125				
Cadmium	0.057		"	0.0500	0.004	106	75-125				
Calcium	28.2		"	1.00	27.5	66.8	75-125	Low Bias			
Chromium	0.409		"	0.200	0.192	108	75-125				
Cobalt	0.603		"	0.500	0.035	114	75-125				
Copper	0.597		"	0.250	0.295	121	75-125				
Iron	118		"	1.00	119	NR	75-125	Low Bias			
Lead	1.82		"	0.500	1.32	99.1	75-125				
Magnesium	15.6		"	1.00	14.8	84.6	75-125				
Manganese	1.66		"	0.500	1.13	108	75-125				
Nickel	0.695		"	0.500	0.126	114	75-125				
Potassium	6.61		"	1.00	5.42	119	75-125				
Selenium	2.06		"	2.00	0.009	102	75-125				
Silver	0.053		"	0.0500	0.0008	104	75-125				
Sodium	5.44		"	1.00	3.77	167	75-125	High Bias			
Thallium	2.09		"	2.00	0.004	104	75-125				
Vanadium	0.714		"	0.500	0.172	108	75-125				
Zinc	2.12		"	0.500	1.60	104	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40859 - EPA 3050B											
Reference (BH40859-SRM1) Reference								Prepared: 08/14/2024 Analyzed: 08/15/2024			
Aluminum	7920	4.17	mg/kg wet	7680		103	46.7-129.9				
Antimony	70.7	2.08	"	257		27.5	1-100				
Arsenic	338	1.25	"	360		93.8	70.6-102.2				
Barium	344	2.08	"	332		104	75-108.1				
Beryllium	185	0.042	"	183		101	76.5-108.2				
Cadmium	223	0.250	"	238		93.8	73.5-105				
Calcium	5490	4.17	"	5490		100	77.2-110.9				
Chromium	197	0.417	"	199		99.0	73.4-107				
Cobalt	92.0	0.333	"	88.7		104	76.6-107.6				
Copper	246	1.67	"	227		108	74.9-105.7	High Bias			
Iron	7040	20.8	"	7360		95.6	51.1-125.8				
Lead	94.1	0.417	"	100		94.1	75.9-110				
Magnesium	1900	4.17	"	1900		99.8	67.4-111.1				
Manganese	568	0.417	"	591		96.1	72.6-107.1				
Nickel	352	0.830	"	342		103	75.4-107.6				
Potassium	1500	4.17	"	1500		99.9	66.1-116.7				
Selenium	177	2.08	"	170		104	78.2-115.9				
Silver	53.6	0.420	"	88.6		60.5	73.9-112	Low Bias			
Sodium	597	41.7	"	527		113	68.5-115.9				
Thallium	217	2.08	"	226		96.0	73.5-108.4				
Vanadium	113	0.830	"	118		95.7	68.1-106.8				
Zinc	179	2.08	"	183		97.7	72.7-109.3				
Batch BH41013 - EPA 3050B											
Blank (BH41013-BLK1) Blank								Prepared: 08/15/2024 Analyzed: 08/16/2024			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41013 - EPA 3050B											
Reference (BH41013-SRM1) Reference											Prepared: 08/15/2024 Analyzed: 08/16/2024
Aluminum	6660	4.17	mg/kg wet	7680		86.7	46.7-129.9				
Antimony	69.3	2.08	"	257		27.0	1-100				
Arsenic	282	1.25	"	360		78.3	70.6-102.2				
Barium	267	2.08	"	332		80.5	75-108.1				
Beryllium	157	0.042	"	183		85.6	76.5-108.2				
Cadmium	188	0.250	"	238		78.8	73.5-105				
Calcium	4600	4.17	"	5490		83.7	77.2-110.9				
Chromium	165	0.417	"	199		82.9	73.4-107				
Cobalt	77.5	0.333	"	88.7		87.4	76.6-107.6				
Copper	212	1.67	"	227		93.4	74.9-105.7				
Iron	6070	20.8	"	7360		82.5	51.1-125.8				
Lead	85.7	0.417	"	100		85.7	75.9-110				
Magnesium	1650	4.17	"	1900		86.7	67.4-111.1				
Manganese	506	0.417	"	591		85.6	72.6-107.1				
Nickel	289	0.830	"	342		84.6	75.4-107.6				
Potassium	1300	4.17	"	1500		86.7	66.1-116.7				
Selenium	147	2.08	"	170		86.4	78.2-115.9				
Silver	75.1	0.420	"	88.6		84.7	73.9-112				
Sodium	551	41.7	"	527		105	68.5-115.9				
Thallium	184	2.08	"	226		81.3	73.5-108.4				
Vanadium	96.4	0.830	"	118		81.7	68.1-106.8				
Zinc	152	2.08	"	183		83.2	72.7-109.3				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40920 - EPA 7473 soil											
Blank (BH40920-BLK1) Blank									Prepared: 08/14/2024 Analyzed: 08/15/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH40920-SRM1) Reference									Prepared: 08/14/2024 Analyzed: 08/15/2024		
Mercury	15.954		mg/kg	18.2		87.7	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH40790 - Analysis Preparation Soil											
Blank (BH40790-BLK1) Blank								Prepared & Analyzed: 08/13/2024			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH40790-SRM1) Reference								Prepared & Analyzed: 08/13/2024			
Cyanide, total	62.3		ug/mL	59.7		104	38.5-161.4				
Batch BH40814 - EPA SW846-3060											
Blank (BH40814-BLK1) Blank								Prepared & Analyzed: 08/13/2024			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BH40814-DUP1) Duplicate	*Source sample: 24H0729-05 (PE17_15)							Prepared & Analyzed: 08/13/2024			
Chromium, Hexavalent	ND	0.653	mg/kg dry		ND					35	
Reference (BH40814-SRM1) Reference								Prepared & Analyzed: 08/13/2024			
Chromium, Hexavalent	194		mg/L	227		85.5	42.3-157.7				
Batch BH40839 - EPA SW846-3060											
Blank (BH40839-BLK1) Blank								Prepared & Analyzed: 08/13/2024			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH40839-SRM1) Reference								Prepared & Analyzed: 08/13/2024			
Chromium, Hexavalent	233		mg/L	227		102	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H0729-01	PE01_15	40mL Vial with Stir Bar-Cool 4° C
24H0729-02	PE02_15	40mL Vial with Stir Bar-Cool 4° C
24H0729-03	PE09_15	40mL Vial with Stir Bar-Cool 4° C
24H0729-04	PE10_15	40mL Vial with Stir Bar-Cool 4° C
24H0729-05	PE17_15	40mL Vial with Stir Bar-Cool 4° C
24H0729-06	PE18_15	40mL Vial with Stir Bar-Cool 4° C
24H0729-07	TB_08122024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PCB-Tot	It is noted that other PCB species were detected in the sample other than those reported and may include PCB 1262 and PCB 1268.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: Per client request, Aroclor 1268 has been turned on for -02 and -05 due to the Total PCB results for these samples.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24H0729

Report To:
Company: LANGAN
Address: 300 Kimball Dr Parsippany, NJ 07054
Phone.: 973 560 4900
Contact: Lauren Kolff
E-mail: lkolff@langan.com

Invoice To:
Company:
Address: Same
Phone.:
Contact:
E-mail:

YOUR Project Name / Number: 12096 Flatlands Avenue
100 688801

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

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

Kyle S Godfrey
Kyle S. Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	PCBs	Pesticides/Herbicides	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane			Grab or Comp.
PE-01-15	8/12	~~9:19~~ 9:20	Soil	3									1	X	X	X	X	X	X	X	X	X			
PE-02-15		9:30		3									1	X	X	X	X	X	X	X	X	X			
PE-09-15		9:40		3									1	X	X	X	X	X	X	X	X	X			
PE-10-15		9:50		3									1	X	X	X	X	X	X	X	X	X			
PE-17-15		11:00		3									1	X	X	X	X	X	X	X	X	X			
PE-18-15		12:10		3									1	X	X	X	X	X	X	X	X	X			
~~PE-32-15 KG~~				~~3~~									1	X	X	X	X	X	X	X	X	X KG			
~~PE-34-15 KG~~				~~3~~									1	X	X	X	X	X	X	X	X	X KG			
TB_08122024			LIQ		2									X											

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Custody Seals: Y / N | Containers Intact: Y / N | COC/Labels Agree: Y / N | Preservation Confirmed: Y / N
COC Complete: Y / N | COC Received: Y / N | Appropriate Sample Volumes: Y / N | Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N | Samples Submitted within Holding Times: Y / N | Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
LANGAN	8/12 15:05	Raven Davis	8/12/24 1506	Raven Davis	8/12/24 2005
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time 8/12/24 20:05 Temperature 3.8°C (Degrees C)

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1241

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1241

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 19, 2024 and listed below. The project was identified as your project: **100688801**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1241-01	PE12_15	Soil	08/19/2024	08/19/2024
24H1241-02	PE19_15	Soil	08/19/2024	08/19/2024
24H1241-03	PE20_15	Soil	08/19/2024	08/19/2024
24H1241-04	PE27_15	Soil	08/19/2024	08/19/2024
24H1241-05	PE28_15	Soil	08/19/2024	08/19/2024
24H1241-06	TB_08192024	Water	08/19/2024	08/19/2024

General Notes for York Project (SDG) No.: 24H1241

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

Approved By **Date:** 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.026	0.051	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0026	0.0051	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0032**		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0013	0.0026	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 13:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.194	0.387	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.387	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0967	0.193	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270E	08/22/2024 12:15	08/23/2024 09:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*76.1 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.1 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*84.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*129 %*	S-08		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.5 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/20/2024 08:18	08/21/2024 18:48	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*40.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0617	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.208	0.213	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.194	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.220	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.222	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.146	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:24	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.226	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.181	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.222	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.693	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.879	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.225	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0722	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.693	0.873	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.708	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.362	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.286	0.871	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.203	0.880	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.197	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:24	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.738	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.44	5.82	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.75	5.82	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.712	2.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.210	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.812	2.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:24	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*152 %*	PFSu-H	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*161 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*134 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*120 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*127 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*136 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*119 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*77.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.23 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*103 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*131 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*114 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*170 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*172 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*118 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*186 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*158 %*	PFSu-H	*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*117 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*166 %*	PFSu-H	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*108 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*115 %*		*25-150*

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0379	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.189	5	EPA 8081B	08/22/2024 13:05	08/23/2024 15:43	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A	08/21/2024 13:58	08/21/2024 19:27	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0229	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:37	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:37	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:37	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*67.8 %*	*21-150*

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11900**		mg/kg dry	4.86	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.43	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.81**		mg/kg dry	1.46	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**11.5**		mg/kg dry	2.43	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.350**	B	mg/kg dry	0.049	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.292	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**580**		mg/kg dry	4.86	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.7**		mg/kg dry	0.487	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.54**		mg/kg dry	0.389	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**8.74**		mg/kg dry	1.95	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**12700**		mg/kg dry	24.3	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**7.87**		mg/kg dry	0.487	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1750**		mg/kg dry	4.87	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**52.1**		mg/kg dry	0.487	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.969	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**512**	B	mg/kg dry	4.87	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.43	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.490	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**62.3**		mg/kg dry	48.6	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.43	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.8**		mg/kg dry	0.969	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE12_15 **York Sample ID:** 24H1241-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:00 am	08/19/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**17.6**		mg/kg dry	2.42	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:10	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0350	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.583	1	EPA 7196A	08/22/2024 16:04	08/22/2024 23:36	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**21.7**		mg/kg	0.500	1	Calculation	08/26/2024 18:04	08/26/2024 18:15	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.583	1	EPA 9014/9010C	08/21/2024 14:52	08/21/2024 20:09	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.7**		%	0.100	1	SM 2540G	08/21/2024 13:15	08/21/2024 17:14	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.095	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.018**	CCVE	mg/kg dry	0.0047	0.0095	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0047	0.0095	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0095	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0095	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*88.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.222	0.444	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.222	0.444	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0744**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0753**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0744**	J	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.111	0.221	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.155**		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.124**		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.162**		mg/kg dry	0.0556	0.111	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*75.4 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*76.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*89.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*133 %*	S-08		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*95.1 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	08/20/2024 08:18	08/21/2024 19:05	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*37.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.146	0.233	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:40	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0697	0.263	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:40	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.138	0.263	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:40	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.235	0.241	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:40	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.226	0.263	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:40	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.219	0.244	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:40	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.248	0.263	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:40	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.251	0.263	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:40	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.260	0.263	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:40	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.214	0.263	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:40	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.164	0.263	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:40	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.135	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.195	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.255	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.143	0.526	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.192	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.204	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.251	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.782	0.999	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.992	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.143	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.183	0.468	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.254	0.526	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0815	0.526	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.126	0.526	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.206	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.782	0.986	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.799	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.409	0.994	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.323	0.983	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.229	0.994	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.222	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.163	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:40	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.833	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.76	6.57	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.97	6.57	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.803	2.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.237	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.916	2.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.260	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:40	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*146 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*114 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*120 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*117 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*104 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.39 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*97.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*120 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*139 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*309 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*398 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*116 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*285 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*118 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*102 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*129 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*93.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*87.3 %*		*25-150*

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0434	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.217	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:00	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0221	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:00	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-140*

Herbicides, Target List

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0262	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:44	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0262	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:44	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0262	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:44	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*69.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7420**		mg/kg dry	5.57	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.79	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.11**		mg/kg dry	1.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**173**		mg/kg dry	2.78	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.401**	B	mg/kg dry	0.056	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.413**		mg/kg dry	0.335	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**4620**		mg/kg dry	5.58	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.0**		mg/kg dry	0.558	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.93**		mg/kg dry	0.446	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**43.7**		mg/kg dry	2.23	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**20300**		mg/kg dry	27.9	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**226**		mg/kg dry	0.558	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1470**		mg/kg dry	5.58	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**245**		mg/kg dry	0.558	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.4**		mg/kg dry	1.11	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**522**	B	mg/kg dry	5.58	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.562	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**244**		mg/kg dry	55.8	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.7**		mg/kg dry	1.11	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**223**		mg/kg dry	2.78	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.466**		mg/kg dry	0.0401	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.669	1	EPA 7196A	08/22/2024 16:04	08/22/2024 23:36	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.0**		mg/kg	0.500	1	Calculation	08/26/2024 18:04	08/26/2024 18:15	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.669	1	EPA 9014/9010C	08/21/2024 14:52	08/21/2024 20:09	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE19_15 **York Sample ID:** 24H1241-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:10 am	08/19/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	74.7		%	0.100	1	SM 2540G	08/21/2024 13:15	08/21/2024 17:14	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE20_15** **York Sample ID:** **24H1241-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.034	0.068	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0059**	J	mg/kg dry	0.0034	0.0068	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0034	0.0068	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 14:43	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.239	0.478	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.239	0.478	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.119	0.238	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0598	0.119	2	EPA 8270E	08/22/2024 12:15	08/23/2024 10:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.8 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.9 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*107 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.9 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/20/2024 08:18	08/21/2024 19:23	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*42.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.157	0.251	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0751	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.149	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.254	0.259	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.244	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.237	0.264	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.268	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.271	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.281	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.231	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.177	0.283	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 22:35	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.146	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.210	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.275	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.155	0.567	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.207	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.220	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.271	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.843	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.07	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.155	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.197	0.505	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.274	0.567	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0879	0.567	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.136	0.567	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.223	0.266	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.843	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.862	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
763051-92-9	*** 11CL-PF3OUdS**	**0.728**	J	ug/kg dry	0.441	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.349	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.247	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.240	0.275	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.176	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 22:35	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.899	1.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ug/kg dry	2.97	7.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.13	7.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.866	2.83	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
31506-32-8	* N-MeFOSA	ND	PF-LCS-L	ug/kg dry	0.255	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.988	2.83	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.281	0.283	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 22:35	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*136 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*92.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*101 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*99.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*104 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*97.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*21.1 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*101 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*93.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*91.5 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*103 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*111 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*126 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*97.8 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*130 %*		*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*52.0 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*37.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*32.4 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.5 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.7 %*		*25-150*

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0467	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.234	5	EPA 8081B	08/22/2024 13:05	08/23/2024 16:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0238	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:14	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0282	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0282	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0282	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*73.8 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6340**		mg/kg dry	6.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	3.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.08**		mg/kg dry	1.80	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**287**		mg/kg dry	3.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.384**	B	mg/kg dry	0.060	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.780**		mg/kg dry	0.360	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3310**		mg/kg dry	6.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.9**		mg/kg dry	0.601	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.67**		mg/kg dry	0.480	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**42.4**		mg/kg dry	2.40	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**16800**		mg/kg dry	30.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**347**		mg/kg dry	0.601	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1230**		mg/kg dry	6.01	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**183**		mg/kg dry	0.601	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.0**		mg/kg dry	1.20	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**473**	B	mg/kg dry	6.01	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	3.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.605	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**403**		mg/kg dry	60.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	3.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.1**		mg/kg dry	1.20	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**332**		mg/kg dry	2.99	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.648**		mg/kg dry	0.0432	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.720	1	EPA 7196A	08/22/2024 16:04	08/22/2024 23:36	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**21.9**		mg/kg	0.500	1	Calculation	08/26/2024 18:04	08/26/2024 18:15	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.720	1	EPA 9014/9010C	08/21/2024 14:52	08/21/2024 20:09	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE20_15 **York Sample ID:** 24H1241-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:15 am	08/19/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**69.4**		%	0.100	1	SM 2540G	08/21/2024 13:15	08/21/2024 17:14	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.031	0.063	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0028**	J	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.026**	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0021**	J	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0016	0.0031	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:10	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.200	0.400	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.200	0.400	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0998	0.199	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0500	0.0998	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*103 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.9 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	08/20/2024 08:18	08/21/2024 19:40	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*45.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0635	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.126	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.214	0.219	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.206	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.200	0.223	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.226	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.229	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.237	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.195	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.150	0.239	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 16:56	AM
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.123	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.177	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.232	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.131	0.479	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.175	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.186	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.713	0.910	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.904	0.920	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.131	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.166	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.231	0.479	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0742	0.479	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.115	0.479	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.188	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.713	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.728	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
763051-92-9	*** 11CL-PF3OUdS**	**0.595**	J, PF-CCV-L	ug/kg dry	0.372	0.905	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.295	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.208	0.905	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.202	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.148	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 16:56	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.759	1.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.51	5.99	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.80	5.99	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.732	2.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.216	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.835	2.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.237	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 16:56	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*139 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*111 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*145 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*126 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*111 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*120 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*115 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*106 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*103 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*106 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*115 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*111 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*125 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*190 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*249 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*106 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*177 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*142 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*103 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*137 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*95.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*99.4 %*		*25-150*

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0391	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.196	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:25	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:28	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0236	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:58	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0236	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:58	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0236	1	EPA 8151A	08/22/2024 13:25	08/26/2024 13:58	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*68.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8650**		mg/kg dry	5.02	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.51	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.57**		mg/kg dry	1.51	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**8.00**		mg/kg dry	2.51	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.271**	B	mg/kg dry	0.051	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.301	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**471**		mg/kg dry	5.02	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.7**		mg/kg dry	0.502	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.48**		mg/kg dry	0.401	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**3.97**		mg/kg dry	2.01	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**7290**		mg/kg dry	25.1	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.71**		mg/kg dry	0.502	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1590**		mg/kg dry	5.02	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**62.3**		mg/kg dry	0.502	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.6**		mg/kg dry	1.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**501**	B	mg/kg dry	5.02	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.51	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.506	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**85.2**		mg/kg dry	50.2	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.51	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.4**		mg/kg dry	1.00	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**14.8**		mg/kg dry	2.50	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0361	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.602	1	EPA 7196A	08/22/2024 16:04	08/22/2024 23:36	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.7**		mg/kg	0.500	1	Calculation	08/26/2024 18:04	08/26/2024 18:15	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.602	1	EPA 9014/9010C	08/21/2024 14:52	08/21/2024 20:09	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE27_15 **York Sample ID:** 24H1241-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:20 am	08/19/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.0**		%	0.100	1	SM 2540G	08/21/2024 13:15	08/21/2024 17:14	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **PE28_15** **York Sample ID:** **24H1241-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.020**		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.067**	CCVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0048**	J	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	08/22/2024 10:46	08/22/2024 15:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*88.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.276	0.553	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.276	0.553	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.138	0.276	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270E	08/22/2024 12:15	08/23/2024 11:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*55.1 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*99.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.9 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	08/20/2024 08:18	08/21/2024 19:57	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*39.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.185	0.295	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0883	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.175	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.298	0.305	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.287	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.278	0.310	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.315	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.318	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.330	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.272	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.208	0.333	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.172	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.247	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.323	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.182	0.667	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.243	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.258	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.318	0.322	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.992	1.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.26	1.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.182	1.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.232	0.593	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.322	0.667	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.103	0.667	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.160	0.667	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.262	0.313	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.992	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.01	1.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.518	1.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.410	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.290	1.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.282	0.323	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.207	0.320	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:12	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.06	1.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.50	8.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.50	8.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.02	3.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.300	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.16	3.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.330	0.333	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:12	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*123 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*146 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*98.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*91.3 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*137 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*110 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*127 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*143 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*311 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*400 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*290 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*136 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*105 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*134 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*93.1 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*93.7 %*		*25-150*

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0541	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.270	5	EPA 8081B	08/22/2024 13:05	08/23/2024 17:42	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0275	1	EPA 8082A	08/21/2024 13:52	08/22/2024 05:41	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0331	1	EPA 8151A	08/22/2024 13:25	08/26/2024 14:05	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0331	1	EPA 8151A	08/22/2024 13:25	08/26/2024 14:05	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0331	1	EPA 8151A	08/22/2024 13:25	08/26/2024 14:05	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*83.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5430**		mg/kg dry	6.94	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	3.47	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.29**		mg/kg dry	2.08	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**705**		mg/kg dry	3.47	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.361**	B	mg/kg dry	0.070	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.37**		mg/kg dry	0.417	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3600**		mg/kg dry	6.94	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**20.1**		mg/kg dry	0.695	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.42**		mg/kg dry	0.555	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**45.0**		mg/kg dry	2.78	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**24800**		mg/kg dry	34.7	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**374**		mg/kg dry	0.695	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1030**		mg/kg dry	6.95	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**215**		mg/kg dry	0.695	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.0**		mg/kg dry	1.38	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**559**	B	mg/kg dry	6.95	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	3.47	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.700	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**860**		mg/kg dry	69.4	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	3.47	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.9**		mg/kg dry	1.38	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**621**		mg/kg dry	3.46	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.296**		mg/kg dry	0.0500	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.833	1	EPA 7196A	08/22/2024 16:04	08/22/2024 23:36	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**20.1**		mg/kg	0.500	1	Calculation	08/26/2024 18:04	08/26/2024 18:15	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.833	1	EPA 9014/9010C	08/21/2024 14:52	08/21/2024 20:09	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE28_15 **York Sample ID:** 24H1241-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Soil	August 19, 2024 11:25 am	08/19/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**60.0**		%	0.100	1	SM 2540G	08/21/2024 13:15	08/21/2024 17:14	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_08192024 **York Sample ID:** 24H1241-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Water	August 19, 2024 2:31 pm	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	40	40	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08192024 **York Sample ID:** 24H1241-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Water	August 19, 2024 2:31 pm	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_08192024 **York Sample ID:** 24H1241-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Water	August 19, 2024 2:31 pm	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08192024 **York Sample ID:** 24H1241-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1241	100688801	Water	August 19, 2024 2:31 pm	08/19/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/23/2024 09:32	08/23/2024 13:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*85.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*112 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*120 %*	*79-122*

Analytical Batch Summary

Batch ID: BH41259 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/20/24
24H1241-02	PE19_15	08/20/24
24H1241-03	PE20_15	08/20/24
24H1241-04	PE27_15	08/20/24
24H1241-05	PE28_15	08/20/24
BH41259-BLK1	Blank	08/20/24
BH41259-BS1	LCS	08/20/24

Batch ID: BH41343 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/21/24
24H1241-02	PE19_15	08/21/24
24H1241-03	PE20_15	08/21/24
24H1241-04	PE27_15	08/21/24
24H1241-05	PE28_15	08/21/24

Batch ID: BH41399 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-02	PE19_15	08/21/24
24H1241-03	PE20_15	08/21/24
24H1241-04	PE27_15	08/21/24
24H1241-05	PE28_15	08/21/24
BH41399-BLK2	Blank	08/21/24
BH41399-BS2	LCS	08/21/24

Batch ID: BH41403 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/21/24
BH41403-BLK1	Blank	08/21/24
BH41403-BS1	LCS	08/21/24
BH41403-MS1	Matrix Spike	08/21/24
BH41403-MSD1	Matrix Spike Dup	08/21/24

Batch ID: BH41413 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/21/24
24H1241-02	PE19_15	08/21/24
24H1241-03	PE20_15	08/21/24
24H1241-04	PE27_15	08/21/24

24H1241-05	PE28_15	08/21/24
BH41413-BLK1	Blank	08/21/24
BH41413-SRM1	Reference	08/21/24

Batch ID: BH41416 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/21/24
24H1241-02	PE19_15	08/21/24
24H1241-03	PE20_15	08/21/24
24H1241-04	PE27_15	08/21/24
24H1241-05	PE28_15	08/21/24
BH41416-BLK1	Blank	08/21/24
BH41416-SRM1	Reference	08/21/24

Batch ID: BH41437 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/21/24
24H1241-02	PE19_15	08/21/24
24H1241-03	PE20_15	08/21/24
24H1241-04	PE27_15	08/21/24
24H1241-05	PE28_15	08/21/24
BH41437-BLK1	Blank	08/21/24
BH41437-BS1	LCS	08/21/24
BH41437-BS2	LCS	08/21/24

Batch ID: BH41475 **Preparation Method:** EPA 7473 soil **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/22/24
24H1241-02	PE19_15	08/22/24
24H1241-03	PE20_15	08/22/24
24H1241-04	PE27_15	08/22/24
24H1241-05	PE28_15	08/22/24
BH41475-BLK1	Blank	08/22/24
BH41475-SRM1	Reference	08/22/24

Batch ID: BH41490 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/22/24
24H1241-02	PE19_15	08/22/24
24H1241-03	PE20_15	08/22/24
24H1241-04	PE27_15	08/22/24
24H1241-05	PE28_15	08/22/24
BH41490-BLK1	Blank	08/22/24
BH41490-BS1	LCS	08/22/24
BH41490-MS1	Matrix Spike	08/22/24

BH41490-MSD1	Matrix Spike Dup	08/22/24

Batch ID: BH41492 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/22/24
24H1241-02	PE19_15	08/22/24
24H1241-03	PE20_15	08/22/24
24H1241-04	PE27_15	08/22/24
24H1241-05	PE28_15	08/22/24
BH41492-BLK1	Blank	08/22/24
BH41492-BS1	LCS	08/22/24

Batch ID: BH41496 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/22/24
24H1241-02	PE19_15	08/22/24
24H1241-03	PE20_15	08/22/24
24H1241-04	PE27_15	08/22/24
24H1241-05	PE28_15	08/22/24
BH41496-BLK1	Blank	08/22/24
BH41496-BS1	LCS	08/22/24

Batch ID: BH41521 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/22/24
24H1241-02	PE19_15	08/22/24
24H1241-03	PE20_15	08/22/24
24H1241-04	PE27_15	08/22/24
24H1241-05	PE28_15	08/22/24
BH41521-BLK1	Blank	08/22/24
BH41521-SRM1	Reference	08/22/24

Batch ID: BH41553 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-03RE1	PE20_15	08/21/24
BH41553-BLK1	Blank	08/23/24
BH41553-BS1	LCS	08/23/24
BH41553-BS2	LCS	08/23/24

Batch ID: BH41576 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-06	TB_08192024	08/23/24
BH41576-BLK1	Blank	08/23/24

BH41576-BS1	LCS	08/23/24
BH41576-BSD1	LCS Dup	08/23/24

Batch ID: BH41577 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/22/24
24H1241-02	PE19_15	08/22/24
24H1241-03	PE20_15	08/22/24
24H1241-04	PE27_15	08/22/24
24H1241-05	PE28_15	08/22/24
BH41577-BLK1	Blank	08/22/24
BH41577-BS1	LCS	08/22/24
BH41577-BSD1	LCS Dup	08/22/24

Batch ID: BH41731 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1241-01	PE12_15	08/26/24
24H1241-02	PE19_15	08/26/24
24H1241-03	PE20_15	08/26/24
24H1241-04	PE27_15	08/26/24
24H1241-05	PE28_15	08/26/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
Blank (BH41576-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
Blank (BH41576-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.18*		*"*	*10.0*		*91.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BH41576-BS1) LCS								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	9.3		ug/L	10.0		92.8	82-126				
1,1,1-Trichloroethane	9.1		"	10.0		90.8	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.9		"	10.0		98.7	54-165				
1,1,2-Trichloroethane	9.2		"	10.0		92.0	82-123				
1,1-Dichloroethane	9.2		"	10.0		91.5	82-129				
1,1-Dichloroethylene	9.9		"	10.0		98.7	68-138				
1,2,3-Trichlorobenzene	8.3		"	10.0		82.9	40-130				
1,2,3-Trichloropropane	12		"	10.0		124	77-128				
1,2,4-Trichlorobenzene	8.4		"	10.0		83.7	65-137				
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132				
1,2-Dibromo-3-chloropropane	9.2		"	10.0		91.6	45-147				
1,2-Dibromoethane	8.9		"	10.0		89.0	83-124				
1,2-Dichlorobenzene	9.6		"	10.0		95.7	79-123				
1,2-Dichloroethane	8.9		"	10.0		89.0	73-132				
1,2-Dichloropropane	10		"	10.0		99.6	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		114	80-131				
1,3-Dichlorobenzene	9.9		"	10.0		98.9	86-130				
1,4-Dichlorobenzene	9.7		"	10.0		96.7	85-130				
1,4-Dioxane	130		"	210		60.6	10-349				
2-Butanone	8.5		"	10.0		85.0	49-152				
2-Hexanone	9.4		"	10.0		93.5	51-146				
4-Methyl-2-pentanone	7.4		"	10.0		73.8	57-145				
Acetone	5.8		"	10.0		57.9	14-150				
Acrolein	3.0		"	10.0		29.6	10-153				
Acrylonitrile	7.7		"	10.0		77.2	51-150				
Benzene	9.6		"	10.0		95.6	85-126				
Bromochloromethane	8.8		"	10.0		88.5	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS (BH41576-BS1) LCS							Prepared & Analyzed: 08/23/2024				
Bromodichloromethane	9.4		ug/L	10.0		94.0	79-128				
Bromoform	8.2		"	10.0		82.4	78-133				
Bromomethane	9.0		"	10.0		89.7	43-168				
Carbon disulfide	9.4		"	10.0		93.8	68-146				
Carbon tetrachloride	9.4		"	10.0		93.7	77-141				
Chlorobenzene	9.4		"	10.0		93.5	88-120				
Chloroethane	8.4		"	10.0		84.5	65-136				
Chloroform	9.2		"	10.0		91.7	82-128				
Chloromethane	7.3		"	10.0		72.9	43-155				
cis-1,2-Dichloroethylene	9.2		"	10.0		92.1	83-129				
cis-1,3-Dichloropropylene	8.9		"	10.0		89.2	80-131				
Cyclohexane	8.3		"	10.0		83.1	63-149				
Dibromochloromethane	8.4		"	10.0		84.5	80-130				
Dibromomethane	8.8		"	10.0		88.4	72-134				
Dichlorodifluoromethane	5.5		"	10.0		55.4	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Hexachlorobutadiene	10		"	10.0		99.5	67-146				
Isopropylbenzene	12		"	10.0		118	76-140				
Methyl acetate	7.8		"	10.0		78.5	51-139				
Methyl tert-butyl ether (MTBE)	8.9		"	10.0		88.7	76-135				
Methylcyclohexane	10		"	10.0		104	72-143				
Methylene chloride	8.9		"	10.0		89.4	55-137				
n-Butylbenzene	11		"	10.0		113	79-132				
n-Propylbenzene	12		"	10.0		117	78-133				
o-Xylene	9.7		"	10.0		96.8	78-130				
p- & m- Xylenes	20		"	20.0		100	77-133				
p-Isopropyltoluene	12		"	10.0		116	81-136				
sec-Butylbenzene	12		"	10.0		117	79-137				
Styrene	9.6		"	10.0		96.3	67-132				
tert-Butyl alcohol (TBA)	11		"	50.0		21.2	25-162	Low Bias			
tert-Butylbenzene	11		"	10.0		105	77-138				
Tetrachloroethylene	9.5		"	10.0		94.8	82-131				
Toluene	10		"	10.0		99.5	80-127				
trans-1,2-Dichloroethylene	9.2		"	10.0		92.1	80-132				
trans-1,3-Dichloropropylene	7.4		"	10.0		74.4	78-131	Low Bias			
trans-1,4-dichloro-2-butene	11		"	10.0		107	63-141				
Trichloroethylene	9.9		"	10.0		98.9	82-128				
Trichlorofluoromethane	8.7		"	10.0		87.4	67-139				
Vinyl Chloride	8.0		"	10.0		80.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.09*		*"*	*10.0*		*90.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS Dup (BH41576-BSD1) LCS Dup							Prepared & Analyzed: 08/23/2024				
1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0		97.9	82-126		5.35	30	
1,1,1-Trichloroethane	9.4		"	10.0		94.5	78-136		3.99	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-129		8.36	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		99.9	54-165		1.21	30	
1,1,2-Trichloroethane	9.4		"	10.0		94.1	82-123		2.26	30	
1,1-Dichloroethane	9.4		"	10.0		94.4	82-129		3.12	30	
1,1-Dichloroethylene	10		"	10.0		102	68-138		3.58	30	
1,2,3-Trichlorobenzene	12		"	10.0		122	40-130		37.8	30	Non-dir.
1,2,3-Trichloropropane	13		"	10.0		126	77-128		2.00	30	
1,2,4-Trichlorobenzene	9.3		"	10.0		93.2	65-137		10.7	30	
1,2,4-Trimethylbenzene	12		"	10.0		116	82-132		4.96	30	
1,2-Dibromo-3-chloropropane	9.6		"	10.0		96.1	45-147		4.79	30	
1,2-Dibromoethane	9.0		"	10.0		90.3	83-124		1.45	30	
1,2-Dichlorobenzene	9.9		"	10.0		99.3	79-123		3.69	30	
1,2-Dichloroethane	9.7		"	10.0		96.9	73-132		8.50	30	
1,2-Dichloropropane	10		"	10.0		101	78-126		1.30	30	
1,3,5-Trimethylbenzene	12		"	10.0		118	80-131		3.02	30	
1,3-Dichlorobenzene	10		"	10.0		103	86-130		4.45	30	
1,4-Dichlorobenzene	9.9		"	10.0		98.6	85-130		1.95	30	
1,4-Dioxane	180		"	210		86.1	10-349		34.8	30	Non-dir.
2-Butanone	9.3		"	10.0		93.0	49-152		8.99	30	
2-Hexanone	10		"	10.0		99.9	51-146		6.62	30	
4-Methyl-2-pentanone	7.7		"	10.0		76.8	57-145		3.98	30	
Acetone	7.7		"	10.0		77.3	14-150		28.7	30	
Acrolein	3.5		"	10.0		35.3	10-153		17.6	30	
Acrylonitrile	7.5		"	10.0		74.8	51-150		3.16	30	
Benzene	10		"	10.0		100	85-126		5.00	30	
Bromochloromethane	9.4		"	10.0		94.0	77-128		6.03	30	
Bromodichloromethane	9.7		"	10.0		97.2	79-128		3.35	30	
Bromoform	8.2		"	10.0		82.5	78-133		0.121	30	
Bromomethane	9.0		"	10.0		90.0	43-168		0.334	30	
Carbon disulfide	9.6		"	10.0		95.9	68-146		2.21	30	
Carbon tetrachloride	9.8		"	10.0		97.6	77-141		4.08	30	
Chlorobenzene	9.8		"	10.0		97.9	88-120		4.60	30	
Chloroethane	8.7		"	10.0		86.6	65-136		2.45	30	
Chloroform	9.6		"	10.0		95.8	82-128		4.37	30	
Chloromethane	7.3		"	10.0		73.3	43-155		0.547	30	
cis-1,2-Dichloroethylene	9.8		"	10.0		98.2	83-129		6.41	30	
cis-1,3-Dichloropropylene	9.1		"	10.0		90.7	80-131		1.67	30	
Cyclohexane	8.5		"	10.0		84.6	63-149		1.79	30	
Dibromochloromethane	8.8		"	10.0		87.9	80-130		3.94	30	
Dibromomethane	8.9		"	10.0		88.6	72-134		0.226	30	
Dichlorodifluoromethane	5.2		"	10.0		52.1	44-144		6.14	30	
Ethyl Benzene	11		"	10.0		106	80-131		3.96	30	
Hexachlorobutadiene	9.6		"	10.0		96.3	67-146		3.27	30	
Isopropylbenzene	12		"	10.0		121	76-140		2.94	30	
Methyl acetate	8.8		"	10.0		87.6	51-139		11.0	30	
Methyl tert-butyl ether (MTBE)	9.5		"	10.0		95.1	76-135		6.96	30	
Methylcyclohexane	11		"	10.0		106	72-143		1.33	30	
Methylene chloride	9.3		"	10.0		93.2	55-137		4.16	30	
n-Butylbenzene	12		"	10.0		117	79-132		2.95	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS Dup (BH41576-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	12		ug/L	10.0		120	78-133		3.20	30	
o-Xylene	10		"	10.0		100	78-130		3.55	30	
p- & m- Xylenes	21		"	20.0		105	77-133		4.54	30	
p-Isopropyltoluene	12		"	10.0		121	81-136		4.05	30	
sec-Butylbenzene	12		"	10.0		121	79-137		3.19	30	
Styrene	10		"	10.0		102	67-132		5.75	30	
tert-Butyl alcohol (TBA)	9.7		"	50.0		19.4	25-162	Low Bias	8.67	30	
tert-Butylbenzene	11		"	10.0		110	77-138		4.56	30	
Tetrachloroethylene	9.7		"	10.0		97.1	82-131		2.40	30	
Toluene	10		"	10.0		102	80-127		2.97	30	
trans-1,2-Dichloroethylene	9.8		"	10.0		98.1	80-132		6.31	30	
trans-1,3-Dichloropropylene	7.9		"	10.0		79.0	78-131		6.00	30	
trans-1,4-dichloro-2-butene	11		"	10.0		113	63-141		5.55	30	
Trichloroethylene	10		"	10.0		100	82-128		1.31	30	
Trichlorofluoromethane	8.8		"	10.0		87.9	67-139		0.570	30	
Vinyl Chloride	8.2		"	10.0		81.9	58-145		1.97	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.36*		*"*	*10.0*		*93.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				
Batch BH41577 - EPA 5035A											
Blank (BH41577-BLK1) Blank								Prepared & Analyzed: 08/22/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
Blank (BH41577-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*42.6*		*"*	*50.0*		*85.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS (BH41577-BS1) LCS							Prepared & Analyzed: 08/22/2024				
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.4	75-129				
1,1,1-Trichloroethane	60		"	50.0		120	71-137				
1,1,2,2-Tetrachloroethane	44		"	50.0		87.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		118	58-146				
1,1,2-Trichloroethane	47		"	50.0		94.8	83-123				
1,1-Dichloroethane	60		"	50.0		121	75-130				
1,1-Dichloroethylene	56		"	50.0		113	64-137				
1,2,3-Trichlorobenzene	42		"	50.0		84.9	81-140				
1,2,3-Trichloropropane	46		"	50.0		92.2	81-126				
1,2,4-Trichlorobenzene	45		"	50.0		89.1	80-141				
1,2,4-Trimethylbenzene	46		"	50.0		92.4	84-125				
1,2-Dibromo-3-chloropropane	39		"	50.0		77.0	74-142				
1,2-Dibromoethane	47		"	50.0		93.2	86-123				
1,2-Dichlorobenzene	44		"	50.0		88.5	85-122				
1,2-Dichloroethane	59		"	50.0		118	71-133				
1,2-Dichloropropane	47		"	50.0		94.6	81-122				
1,3,5-Trimethylbenzene	45		"	50.0		90.7	82-126				
1,3-Dichlorobenzene	45		"	50.0		89.2	84-124				
1,4-Dichlorobenzene	44		"	50.0		88.9	84-124				
1,4-Dioxane	990		"	1050		94.0	10-228				
2-Butanone	54		"	50.0		109	58-147				
2-Hexanone	45		"	50.0		89.6	70-139				
4-Methyl-2-pentanone	44		"	50.0		88.5	72-132				
Acetone	45		"	50.0		90.0	36-155				
Acrolein	12		"	50.0		24.8	10-238				
Acrylonitrile	75		"	50.0		149	66-141	High Bias			
Benzene	63		"	50.0		126	77-127				
Bromochloromethane	63		"	50.0		126	74-129				
Bromodichloromethane	47		"	50.0		93.6	81-124				
Bromoform	47		"	50.0		94.9	80-136				
Bromomethane	56		"	50.0		111	32-177				
Carbon disulfide	60		"	50.0		119	10-136				
Carbon tetrachloride	61		"	50.0		122	66-143				
Chlorobenzene	49		"	50.0		99.0	86-120				
Chloroethane	59		"	50.0		117	51-142				
Chloroform	61		"	50.0		123	76-131				
Chloromethane	45		"	50.0		90.0	49-132				
cis-1,2-Dichloroethylene	60		"	50.0		119	74-132				
cis-1,3-Dichloropropylene	46		"	50.0		91.3	81-129				
Cyclohexane	60		"	50.0		120	70-130				
Dibromochloromethane	50		"	50.0		100	10-200				
Dibromomethane	47		"	50.0		93.4	83-124				
Dichlorodifluoromethane	37		"	50.0		73.7	28-158				
Ethyl Benzene	50		"	50.0		100	84-125				
Hexachlorobutadiene	43		"	50.0		85.6	83-133				
Isopropylbenzene	45		"	50.0		90.0	81-127				
Methyl acetate	55		"	50.0		110	41-143				
Methyl tert-butyl ether (MTBE)	58		"	50.0		116	74-131				
Methylcyclohexane	45		"	50.0		90.1	70-130				
Methylene chloride	60		"	50.0		119	57-141				
n-Butylbenzene	46		"	50.0		91.7	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS (BH41577-BS1) LCS							Prepared & Analyzed: 08/22/2024				
n-Propylbenzene	44		ug/L	50.0		88.6	74-136				
o-Xylene	48		"	50.0		95.5	83-123				
p- & m- Xylenes	96		"	100		95.6	82-128				
p-Isopropyltoluene	46		"	50.0		92.4	85-125				
sec-Butylbenzene	45		"	50.0		89.8	83-125				
Styrene	52		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	170		"	250		70.0	70-130				
tert-Butylbenzene	44		"	50.0		87.7	80-127				
Tetrachloroethylene	46		"	50.0		92.3	80-129				
Toluene	47		"	50.0		95.0	85-121				
trans-1,2-Dichloroethylene	62		"	50.0		123	72-132				
trans-1,3-Dichloropropylene	45		"	50.0		89.2	78-132				
trans-1,4-dichloro-2-butene	44		"	50.0		88.8	75-135				
Trichloroethylene	49		"	50.0		97.6	84-123				
Trichlorofluoromethane	56		"	50.0		112	62-140				
Vinyl Chloride	51		"	50.0		102	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*42.8*		*"*	*50.0*		*85.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.1*	*76-130*				
LCS Dup (BH41577-BSD1) LCS Dup							Prepared & Analyzed: 08/22/2024				
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129		3.11	30	
1,1,1-Trichloroethane	61		"	50.0		121	71-137		0.497	30	
1,1,2,2-Tetrachloroethane	43		"	50.0		85.8	79-129		1.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63		"	50.0		126	58-146		6.36	30	
1,1,2-Trichloroethane	50		"	50.0		100	83-123		5.58	30	
1,1-Dichloroethane	61		"	50.0		122	75-130		0.693	30	
1,1-Dichloroethylene	57		"	50.0		115	64-137		1.53	30	
1,2,3-Trichlorobenzene	42		"	50.0		83.2	81-140		2.07	30	
1,2,3-Trichloropropane	43		"	50.0		85.0	81-126		8.12	30	
1,2,4-Trichlorobenzene	45		"	50.0		89.6	80-141		0.537	30	
1,2,4-Trimethylbenzene	46		"	50.0		93.0	84-125		0.561	30	
1,2-Dibromo-3-chloropropane	41		"	50.0		81.9	74-142		6.14	30	
1,2-Dibromoethane	51		"	50.0		102	86-123		9.14	30	
1,2-Dichlorobenzene	44		"	50.0		88.2	85-122		0.317	30	
1,2-Dichloroethane	62		"	50.0		124	71-133		4.54	30	
1,2-Dichloropropane	47		"	50.0		94.0	81-122		0.636	30	
1,3,5-Trimethylbenzene	46		"	50.0		91.0	82-126		0.374	30	
1,3-Dichlorobenzene	46		"	50.0		91.3	84-124		2.26	30	
1,4-Dichlorobenzene	46		"	50.0		91.3	84-124		2.66	30	
1,4-Dioxane	970		"	1050		92.8	10-228		1.22	30	
2-Butanone	57		"	50.0		114	58-147		4.72	30	
2-Hexanone	47		"	50.0		94.2	70-139		4.96	30	
4-Methyl-2-pentanone	48		"	50.0		96.6	72-132		8.73	30	
Acetone	48		"	50.0		95.1	36-155		5.47	30	
Acrolein	15		"	50.0		30.9	10-238		21.9	30	
Acrylonitrile	70		"	50.0		140	66-141		6.51	30	
Benzene	63		"	50.0		126	77-127		0.540	30	
Bromochloromethane	61		"	50.0		121	74-129		4.20	30	
Bromodichloromethane	49		"	50.0		98.7	81-124		5.39	30	
Bromoform	50		"	50.0		100	80-136		5.38	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS Dup (BH41577-BSD1) LCS Dup							Prepared & Analyzed: 08/22/2024				
Bromomethane	55		ug/L	50.0		110	32-177		1.30	30	
Carbon disulfide	62		"	50.0		123	10-136		3.13	30	
Carbon tetrachloride	63		"	50.0		126	66-143		2.94	30	
Chlorobenzene	50		"	50.0		100	86-120		1.30	30	
Chloroethane	54		"	50.0		109	51-142		7.48	30	
Chloroform	62		"	50.0		124	76-131		0.682	30	
Chloromethane	45		"	50.0		90.9	49-132		0.995	30	
cis-1,2-Dichloroethylene	57		"	50.0		114	74-132		4.92	30	
cis-1,3-Dichloropropylene	48		"	50.0		96.1	81-129		5.17	30	
Cyclohexane	61		"	50.0		122	70-130		1.35	30	
Dibromochloromethane	51		"	50.0		102	10-200		1.72	30	
Dibromomethane	49		"	50.0		98.8	83-124		5.66	30	
Dichlorodifluoromethane	35		"	50.0		70.5	28-158		4.35	30	
Ethyl Benzene	52		"	50.0		103	84-125		3.02	30	
Hexachlorobutadiene	44		"	50.0		87.7	83-133		2.42	30	
Isopropylbenzene	45		"	50.0		89.9	81-127		0.0890	30	
Methyl acetate	53		"	50.0		106	41-143		3.26	30	
Methyl tert-butyl ether (MTBE)	60		"	50.0		119	74-131		2.79	30	
Methylcyclohexane	48		"	50.0		95.6	70-130		5.86	30	
Methylene chloride	61		"	50.0		122	57-141		2.54	30	
n-Butylbenzene	47		"	50.0		93.4	80-130		1.88	30	
n-Propylbenzene	46		"	50.0		91.4	74-136		3.18	30	
o-Xylene	50		"	50.0		100	83-123		4.58	30	
p- & m- Xylenes	100		"	100		99.7	82-128		4.20	30	
p-Isopropyltoluene	46		"	50.0		92.7	85-125		0.259	30	
sec-Butylbenzene	44		"	50.0		88.8	83-125		1.05	30	
Styrene	55		"	50.0		109	86-126		5.16	30	
tert-Butyl alcohol (TBA)	190		"	250		74.7	70-130		6.55	30	
tert-Butylbenzene	44		"	50.0		88.7	80-127		1.11	30	
Tetrachloroethylene	47		"	50.0		94.5	80-129		2.40	30	
Toluene	49		"	50.0		98.6	85-121		3.76	30	
trans-1,2-Dichloroethylene	60		"	50.0		120	72-132		2.91	30	
trans-1,3-Dichloropropylene	48		"	50.0		95.9	78-132		7.24	30	
trans-1,4-dichloro-2-butene	44		"	50.0		88.0	75-135		0.882	30	
Trichloroethylene	51		"	50.0		102	84-123		4.70	30	
Trichlorofluoromethane	57		"	50.0		115	62-140		2.13	30	
Vinyl Chloride	50		"	50.0		99.7	52-130		1.87	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*43.8*		*"*	*50.0*		*87.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.2*		*"*	*50.0*		*94.5*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
Blank (BH41490-BLK1) Blank									Prepared: 08/22/2024 Analyzed: 08/23/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
Blank (BH41490-BLK1) Blank									Prepared: 08/22/2024 Analyzed: 08/23/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.24*		"	*1.66*		*74.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.13*		"	*1.66*		*68.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.739*		"	*0.831*		*89.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.690*		"	*0.831*		*83.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.77*		"	*1.66*		*107*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.716*		"	*0.831*		*86.2*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
LCS (BH41490-BS1) LCS								Prepared: 08/22/2024 Analyzed: 08/23/2024			
1,1-Biphenyl	0.932	0.0416	mg/kg wet	0.831		112	18-111	High Bias			
1,2,4,5-Tetrachlorobenzene	0.892	0.0830	"	0.831		107	21-131				
1,2,4-Trichlorobenzene	0.923	0.0416	"	0.831		111	10-140				
1,2-Dichlorobenzene	0.774	0.0416	"	0.831		93.2	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.925	0.0416	"	0.831		111	17-137				
1,3-Dichlorobenzene	0.752	0.0416	"	0.831		90.6	33-110				
1,4-Dichlorobenzene	0.766	0.0416	"	0.831		92.3	32-104				
2,3,4,6-Tetrachlorophenol	1.12	0.0830	"	0.831		135	30-130	High Bias			
2,4,5-Trichlorophenol	1.04	0.0416	"	0.831		125	27-118	High Bias			
2,4,6-Trichlorophenol	1.05	0.0416	"	0.831		126	31-120	High Bias			
2,4-Dichlorophenol	0.981	0.0416	"	0.831		118	20-127				
2,4-Dimethylphenol	0.916	0.0416	"	0.831		110	14-132				
2,4-Dinitrophenol	1.18	0.0830	"	0.831		142	10-171				
2,4-Dinitrotoluene	1.18	0.0416	"	0.831		142	34-131	High Bias			
2,6-Dinitrotoluene	1.12	0.0416	"	0.831		135	31-128	High Bias			
2-Chloronaphthalene	0.877	0.0416	"	0.831		106	31-117				
2-Chlorophenol	0.834	0.0416	"	0.831		100	33-113				
2-Methylnaphthalene	0.927	0.0416	"	0.831		112	12-138				
2-Methylphenol	0.891	0.0416	"	0.831		107	10-136				
2-Nitroaniline	1.10	0.0830	"	0.831		133	27-132	High Bias			
2-Nitrophenol	1.15	0.0416	"	0.831		139	17-129	High Bias			
3- & 4-Methylphenols	0.782	0.0416	"	0.831		94.2	29-103				
3,3-Dichlorobenzidine	0.915	0.0416	"	0.831		110	22-149				
3-Nitroaniline	0.934	0.0830	"	0.831		112	20-133				
4,6-Dinitro-2-methylphenol	1.47	0.0830	"	0.831		178	10-143	High Bias			
4-Bromophenyl phenyl ether	1.00	0.0416	"	0.831		121	29-120	High Bias			
4-Chloro-3-methylphenol	1.10	0.0416	"	0.831		133	24-129	High Bias			
4-Chloroaniline	0.675	0.0416	"	0.831		81.3	10-132				
4-Chlorophenyl phenyl ether	0.920	0.0416	"	0.831		111	27-124				
4-Nitroaniline	0.933	0.0830	"	0.831		112	16-128				
4-Nitrophenol	1.00	0.0830	"	0.831		121	10-141				
Acenaphthene	0.830	0.0416	"	0.831		100	30-121				
Acenaphthylene	0.796	0.0416	"	0.831		95.8	30-115				
Acetophenone	0.820	0.0416	"	0.831		98.7	20-112				
Aniline	0.576	0.166	"	0.831		69.3	10-119				
Anthracene	0.924	0.0416	"	0.831		111	34-118				
Atrazine	0.982	0.0416	"	0.831		118	26-112	High Bias			
Benzaldehyde	0.565	0.0416	"	0.831		68.0	21-100				
Benzo(a)anthracene	0.923	0.0416	"	0.831		111	32-122				
Benzo(a)pyrene	0.893	0.0416	"	0.831		107	29-133				
Benzo(b)fluoranthene	0.891	0.0416	"	0.831		107	25-133				
Benzo(g,h,i)perylene	0.910	0.0416	"	0.831		110	10-143				
Benzo(k)fluoranthene	0.919	0.0416	"	0.831		111	25-128				
Benzoic acid	0.889	0.0416	"	0.831		107	10-140				
Benzyl alcohol	0.815	0.0416	"	0.831		98.1	30-115				
Benzyl butyl phthalate	0.879	0.0416	"	0.831		106	26-126				
Bis(2-chloroethoxy)methane	0.868	0.0416	"	0.831		105	19-132				
Bis(2-chloroethyl)ether	0.793	0.0416	"	0.831		95.5	19-125				
Bis(2-chloroisopropyl)ether	0.577	0.0416	"	0.831		69.5	20-135				
Bis(2-ethylhexyl)phthalate	0.914	0.0416	"	0.831		110	10-155				
Caprolactam	1.02	0.0830	"	0.831		123	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
LCS (BH41490-BS1) LCS								Prepared: 08/22/2024 Analyzed: 08/23/2024			
Carbazole	0.902	0.0416	mg/kg wet	0.831		109	35-123				
Chrysene	0.916	0.0416	"	0.831		110	32-123				
Dibenzo(a,h)anthracene	0.927	0.0416	"	0.831		112	10-136				
Dibenzofuran	0.888	0.0416	"	0.831		107	29-121				
Diethyl phthalate	0.913	0.0416	"	0.831		110	34-116				
Dimethyl phthalate	0.928	0.0416	"	0.831		112	35-124				
Di-n-butyl phthalate	0.984	0.0416	"	0.831		119	31-116	High Bias			
Di-n-octyl phthalate	0.980	0.0416	"	0.831		118	26-136				
Diphenylamine	1.08	0.0830	"	0.831		130	40-140				
Fluoranthene	0.911	0.0416	"	0.831		110	33-122				
Fluorene	0.866	0.0416	"	0.831		104	29-123				
Hexachlorobenzene	0.993	0.0416	"	0.831		120	21-124				
Hexachlorobutadiene	0.965	0.0416	"	0.831		116	10-149				
Hexachlorocyclopentadiene	0.391	0.0416	"	0.831		47.0	10-129				
Hexachloroethane	0.779	0.0416	"	0.831		93.8	28-108				
Indeno(1,2,3-cd)pyrene	1.01	0.0416	"	0.831		121	10-135				
Isophorone	0.918	0.0416	"	0.831		110	20-132				
Naphthalene	0.858	0.0416	"	0.831		103	23-124				
Nitrobenzene	0.907	0.0416	"	0.831		109	13-132				
N-Nitrosodimethylamine	0.660	0.0416	"	0.831		79.5	11-129				
N-nitroso-di-n-propylamine	0.788	0.0416	"	0.831		94.9	24-119				
N-Nitrosodiphenylamine	1.08	0.0416	"	0.831		130	22-152				
Pentachlorophenol	0.826	0.0416	"	0.831		99.5	10-139				
Phenanthrene	0.919	0.0416	"	0.831		111	33-123				
Phenol	0.913	0.0416	"	0.831		110	23-115				
Pyrene	0.868	0.0416	"	0.831		105	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.48*		"	*1.66*		*89.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.43*		"	*1.66*		*86.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.907*		"	*0.831*		*109*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.872*		"	*0.831*		*105*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.20*		"	*1.66*		*133*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.879*		"	*0.831*		*106*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
Matrix Spike (BH41490-MS1) Matrix Spike	*Source sample: 24H1241-01 (PE12_15)							Prepared: 08/22/2024 Analyzed: 08/23/2024			
1,1-Biphenyl	0.836	0.0960	mg/kg dry	0.960	ND	87.1	10-130				
1,2,4,5-Tetrachlorobenzene	0.810	0.192	"	0.960	ND	84.4	10-133				
1,2,4-Trichlorobenzene	0.843	0.0960	"	0.960	ND	87.8	10-127				
1,2-Dichlorobenzene	0.730	0.0960	"	0.960	ND	76.1	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.819	0.0960	"	0.960	ND	85.4	10-144				
1,3-Dichlorobenzene	0.787	0.0960	"	0.960	ND	82.0	11-111				
1,4-Dichlorobenzene	0.735	0.0960	"	0.960	ND	76.6	10-106				
2,3,4,6-Tetrachlorophenol	1.01	0.192	"	0.960	ND	105	30-130				
2,4,5-Trichlorophenol	0.891	0.0960	"	0.960	ND	92.9	10-127				
2,4,6-Trichlorophenol	0.917	0.0960	"	0.960	ND	95.5	10-132				
2,4-Dichlorophenol	0.886	0.0960	"	0.960	ND	92.3	10-128				
2,4-Dimethylphenol	0.818	0.0960	"	0.960	ND	85.3	10-137				
2,4-Dinitrophenol	0.648	0.192	"	0.960	ND	67.5	10-171				
2,4-Dinitrotoluene	1.04	0.0960	"	0.960	ND	109	16-135				
2,6-Dinitrotoluene	1.01	0.0960	"	0.960	ND	105	18-131				
2-Chloronaphthalene	0.796	0.0960	"	0.960	ND	83.0	10-129				
2-Chlorophenol	0.818	0.0960	"	0.960	ND	85.3	15-116				
2-Methylnaphthalene	0.834	0.0960	"	0.960	ND	86.9	10-147				
2-Methylphenol	0.858	0.0960	"	0.960	ND	89.4	10-136				
2-Nitroaniline	0.967	0.192	"	0.960	ND	101	10-137				
2-Nitrophenol	1.02	0.0960	"	0.960	ND	106	10-129				
3- & 4-Methylphenols	0.699	0.0960	"	0.960	ND	72.9	10-123				
3,3-Dichlorobenzidine	0.798	0.0960	"	0.960	ND	83.2	10-155				
3-Nitroaniline	0.800	0.192	"	0.960	ND	83.4	12-133				
4,6-Dinitro-2-methylphenol	1.07	0.192	"	0.960	ND	111	10-155				
4-Bromophenyl phenyl ether	0.909	0.0960	"	0.960	ND	94.7	14-128				
4-Chloro-3-methylphenol	1.00	0.0960	"	0.960	ND	105	10-134				
4-Chloroaniline	0.622	0.0960	"	0.960	ND	64.8	10-145				
4-Chlorophenyl phenyl ether	0.783	0.0960	"	0.960	ND	81.6	14-130				
4-Nitroaniline	0.755	0.192	"	0.960	ND	78.6	10-147				
4-Nitrophenol	0.873	0.192	"	0.960	ND	91.0	10-137				
Acenaphthene	0.753	0.0960	"	0.960	ND	78.5	10-146				
Acenaphthylene	0.710	0.0960	"	0.960	ND	74.0	10-134				
Acetophenone	0.762	0.0960	"	0.960	ND	79.4	10-116				
Aniline	0.532	0.385	"	0.960	ND	55.4	10-123				
Anthracene	0.815	0.0960	"	0.960	ND	84.9	10-142				
Atrazine	0.876	0.0960	"	0.960	ND	91.3	19-115				
Benzaldehyde	0.579	0.0960	"	0.960	ND	60.3	10-125				
Benzo(a)anthracene	0.794	0.0960	"	0.960	ND	82.7	10-158				
Benzo(a)pyrene	0.803	0.0960	"	0.960	ND	83.7	10-180				
Benzo(b)fluoranthene	0.805	0.0960	"	0.960	ND	83.9	10-200				
Benzo(g,h,i)perylene	0.801	0.0960	"	0.960	ND	83.4	10-138				
Benzo(k)fluoranthene	0.834	0.0960	"	0.960	ND	87.0	10-197				
Benzoic acid	0.425	0.0960	"	0.960	ND	44.3	10-166				
Benzyl alcohol	0.755	0.0960	"	0.960	ND	78.7	12-124				
Benzyl butyl phthalate	0.735	0.0960	"	0.960	ND	76.6	10-154				
Bis(2-chloroethoxy)methane	0.795	0.0960	"	0.960	ND	82.9	10-132				
Bis(2-chloroethyl)ether	0.768	0.0960	"	0.960	ND	80.1	10-119				
Bis(2-chloroisopropyl)ether	0.558	0.0960	"	0.960	ND	58.2	10-139				
Bis(2-ethylhexyl)phthalate	0.806	0.0960	"	0.960	ND	84.0	10-167				
Caprolactam	0.861	0.192	"	0.960	ND	89.8	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
Matrix Spike (BH41490-MS1) Matrix Spike	*Source sample: 24H1241-01 (PE12_15)								Prepared: 08/22/2024 Analyzed: 08/23/2024		
Carbazole	0.818	0.0960	mg/kg dry	0.960	ND	85.2	10-167				
Chrysene	0.803	0.0960	"	0.960	ND	83.7	10-156				
Dibenzo(a,h)anthracene	0.811	0.0960	"	0.960	ND	84.6	10-137				
Dibenzofuran	0.799	0.0960	"	0.960	ND	83.3	10-147				
Diethyl phthalate	0.839	0.0960	"	0.960	ND	87.4	20-120				
Dimethyl phthalate	0.825	0.0960	"	0.960	ND	86.0	18-131				
Di-n-butyl phthalate	0.877	0.0960	"	0.960	ND	91.4	10-137				
Di-n-octyl phthalate	0.868	0.0960	"	0.960	ND	90.5	10-180				
Diphenylamine	0.965	0.192	"	0.960	ND	101	40-140				
Fluoranthene	0.856	0.0960	"	0.960	ND	89.2	10-160				
Fluorene	0.787	0.0960	"	0.960	ND	82.0	10-157				
Hexachlorobenzene	0.872	0.0960	"	0.960	ND	90.9	10-137				
Hexachlorobutadiene	0.927	0.0960	"	0.960	ND	96.6	10-132				
Hexachlorocyclopentadiene	0.227	0.0960	"	0.960	ND	23.7	10-106				
Hexachloroethane	0.748	0.0960	"	0.960	ND	78.0	10-110				
Indeno(1,2,3-cd)pyrene	0.920	0.0960	"	0.960	ND	95.8	10-144				
Isophorone	0.854	0.0960	"	0.960	ND	89.0	10-132				
Naphthalene	0.796	0.0960	"	0.960	ND	83.0	10-141				
Nitrobenzene	0.820	0.0960	"	0.960	ND	85.4	10-131				
N-Nitrosodimethylamine	0.646	0.0960	"	0.960	ND	67.3	10-126				
N-nitroso-di-n-propylamine	0.717	0.0960	"	0.960	ND	74.7	10-125				
N-Nitrosodiphenylamine	0.941	0.0960	"	0.960	ND	98.1	10-177				
Pentachlorophenol	0.542	0.0960	"	0.960	ND	56.5	10-153				
Phenanthrene	0.841	0.0960	"	0.960	ND	87.6	10-148				
Phenol	0.841	0.0960	"	0.960	ND	87.6	10-126				
Pyrene	0.729	0.0960	"	0.960	ND	76.0	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.46*		"	*1.92*		*76.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.45*		"	*1.92*		*75.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.894*		"	*0.960*		*93.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.844*		"	*0.960*		*88.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.12*		"	*1.92*		*110*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.809*		"	*0.960*		*84.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
Matrix Spike Dup (BH41490-! Matrix Spike Dup	*Source sample: 24H1241-01 (PE12_15)								Prepared: 08/22/2024 Analyzed: 08/23/2024		
1,1-Biphenyl	0.740	0.0960	mg/kg dry	0.960	ND	77.1	10-130		12.2	30	
1,2,4,5-Tetrachlorobenzene	0.694	0.192	"	0.960	ND	72.3	10-133		15.4	30	
1,2,4-Trichlorobenzene	0.722	0.0960	"	0.960	ND	75.2	10-127		15.5	30	
1,2-Dichlorobenzene	0.643	0.0960	"	0.960	ND	67.0	14-111		12.8	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.780	0.0960	"	0.960	ND	81.3	10-144		4.90	30	
1,3-Dichlorobenzene	0.639	0.0960	"	0.960	ND	66.6	11-111		20.7	30	
1,4-Dichlorobenzene	0.668	0.0960	"	0.960	ND	69.6	10-106		9.52	30	
2,3,4,6-Tetrachlorophenol	0.920	0.192	"	0.960	ND	95.9	30-130		9.46	30	
2,4,5-Trichlorophenol	0.823	0.0960	"	0.960	ND	85.8	10-127		7.97	30	
2,4,6-Trichlorophenol	0.891	0.0960	"	0.960	ND	92.8	10-132		2.89	30	
2,4-Dichlorophenol	0.795	0.0960	"	0.960	ND	82.9	10-128		10.8	30	
2,4-Dimethylphenol	0.702	0.0960	"	0.960	ND	73.1	10-137		15.4	30	
2,4-Dinitrophenol	0.664	0.192	"	0.960	ND	69.2	10-171		2.46	30	
2,4-Dinitrotoluene	1.00	0.0960	"	0.960	ND	105	16-135		3.67	30	
2,6-Dinitrotoluene	0.964	0.0960	"	0.960	ND	100	18-131		4.82	30	
2-Chloronaphthalene	0.745	0.0960	"	0.960	ND	77.6	10-129		6.68	30	
2-Chlorophenol	0.682	0.0960	"	0.960	ND	71.0	15-116		18.2	30	
2-Methylnaphthalene	0.793	0.0960	"	0.960	ND	82.6	10-147		5.00	30	
2-Methylphenol	0.745	0.0960	"	0.960	ND	77.6	10-136		14.2	30	
2-Nitroaniline	0.893	0.192	"	0.960	ND	93.0	10-137		8.01	30	
2-Nitrophenol	0.902	0.0960	"	0.960	ND	94.0	10-129		12.2	30	
3- & 4-Methylphenols	0.634	0.0960	"	0.960	ND	66.1	10-123		9.79	30	
3,3-Dichlorobenzidine	0.712	0.0960	"	0.960	ND	74.2	10-155		11.4	30	
3-Nitroaniline	0.749	0.192	"	0.960	ND	78.1	12-133		6.54	30	
4,6-Dinitro-2-methylphenol	1.01	0.192	"	0.960	ND	105	10-155		5.69	30	
4-Bromophenyl phenyl ether	0.824	0.0960	"	0.960	ND	85.9	14-128		9.74	30	
4-Chloro-3-methylphenol	0.955	0.0960	"	0.960	ND	99.5	10-134		5.09	30	
4-Chloroaniline	0.616	0.0960	"	0.960	ND	64.2	10-145		0.993	30	
4-Chlorophenyl phenyl ether	0.765	0.0960	"	0.960	ND	79.7	14-130		2.38	30	
4-Nitroaniline	0.811	0.192	"	0.960	ND	84.6	10-147		7.25	30	
4-Nitrophenol	0.754	0.192	"	0.960	ND	78.6	10-137		14.6	30	
Acenaphthene	0.702	0.0960	"	0.960	ND	73.2	10-146		6.96	30	
Acenaphthylene	0.657	0.0960	"	0.960	ND	68.5	10-134		7.75	30	
Acetophenone	0.702	0.0960	"	0.960	ND	73.1	10-116		8.18	30	
Aniline	0.486	0.385	"	0.960	ND	50.6	10-123		9.05	30	
Anthracene	0.771	0.0960	"	0.960	ND	80.3	10-142		5.52	30	
Atrazine	0.831	0.0960	"	0.960	ND	86.6	19-115		5.22	30	
Benzaldehyde	0.477	0.0960	"	0.960	ND	49.7	10-125		19.3	30	
Benzo(a)anthracene	0.735	0.0960	"	0.960	ND	76.6	10-158		7.73	30	
Benzo(a)pyrene	0.723	0.0960	"	0.960	ND	75.4	10-180		10.5	30	
Benzo(b)fluoranthene	0.738	0.0960	"	0.960	ND	76.9	10-200		8.76	30	
Benzo(g,h,i)perylene	0.739	0.0960	"	0.960	ND	77.0	10-138		7.98	30	
Benzo(k)fluoranthene	0.761	0.0960	"	0.960	ND	79.3	10-197		9.24	30	
Benzoic acid	0.408	0.0960	"	0.960	ND	42.5	10-166		4.24	30	
Benzyl alcohol	0.663	0.0960	"	0.960	ND	69.1	12-124		13.0	30	
Benzyl butyl phthalate	0.732	0.0960	"	0.960	ND	76.2	10-154		0.523	30	
Bis(2-chloroethoxy)methane	0.709	0.0960	"	0.960	ND	73.8	10-132		11.5	30	
Bis(2-chloroethyl)ether	0.667	0.0960	"	0.960	ND	69.5	10-119		14.1	30	
Bis(2-chloroisopropyl)ether	0.488	0.0960	"	0.960	ND	50.9	10-139		13.4	30	
Bis(2-ethylhexyl)phthalate	0.711	0.0960	"	0.960	ND	74.1	10-167		12.6	30	
Caprolactam	0.821	0.192	"	0.960	ND	85.5	10-132		4.84	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41490 - EPA 3550C											
Matrix Spike Dup (BH41490-! Matrix Spike Dup	*Source sample: 24H1241-01 (PE12_15)								Prepared: 08/22/2024 Analyzed: 08/23/2024		
Carbazole	0.761	0.0960	mg/kg dry	0.960	ND	79.3	10-167		7.20	30	
Chrysene	0.735	0.0960	"	0.960	ND	76.6	10-156		8.78	30	
Dibenzo(a,h)anthracene	0.778	0.0960	"	0.960	ND	81.1	10-137		4.15	30	
Dibenzofuran	0.729	0.0960	"	0.960	ND	75.9	10-147		9.25	30	
Diethyl phthalate	0.758	0.0960	"	0.960	ND	79.0	20-120		10.1	30	
Dimethyl phthalate	0.777	0.0960	"	0.960	ND	81.0	18-131		6.04	30	
Di-n-butyl phthalate	0.813	0.0960	"	0.960	ND	84.7	10-137		7.63	30	
Di-n-octyl phthalate	0.777	0.0960	"	0.960	ND	81.0	10-180		11.1	30	
Diphenylamine	0.868	0.192	"	0.960	ND	90.5	40-140		10.6	30	
Fluoranthene	0.768	0.0960	"	0.960	ND	80.0	10-160		10.9	30	
Fluorene	0.731	0.0960	"	0.960	ND	76.2	10-157		7.38	30	
Hexachlorobenzene	0.825	0.0960	"	0.960	ND	86.0	10-137		5.52	30	
Hexachlorobutadiene	0.833	0.0960	"	0.960	ND	86.8	10-132		10.7	30	
Hexachlorocyclopentadiene	0.209	0.0960	"	0.960	ND	21.8	10-106		8.45	30	
Hexachloroethane	0.691	0.0960	"	0.960	ND	72.0	10-110		8.00	30	
Indeno(1,2,3-cd)pyrene	0.931	0.0960	"	0.960	ND	97.0	10-144		1.24	30	
Isophorone	0.767	0.0960	"	0.960	ND	79.9	10-132		10.8	30	
Naphthalene	0.715	0.0960	"	0.960	ND	74.6	10-141		10.7	30	
Nitrobenzene	0.732	0.0960	"	0.960	ND	76.3	10-131		11.3	30	
N-Nitrosodimethylamine	0.609	0.0960	"	0.960	ND	63.4	10-126		5.88	30	
N-nitroso-di-n-propylamine	0.632	0.0960	"	0.960	ND	65.8	10-125		12.6	30	
N-Nitrosodiphenylamine	0.879	0.0960	"	0.960	ND	91.6	10-177		6.83	30	
Pentachlorophenol	0.547	0.0960	"	0.960	ND	57.0	10-153		0.846	30	
Phenanthrene	0.783	0.0960	"	0.960	ND	81.6	10-148		7.09	30	
Phenol	0.758	0.0960	"	0.960	ND	79.0	10-126		10.4	30	
Pyrene	0.668	0.0960	"	0.960	ND	69.6	10-165		8.79	30	
Surrogate: SURR: 2-Fluorophenol	*1.27*		*"*	*1.92*		*66.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.21*		*"*	*1.92*		*63.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.751*		*"*	*0.960*		*78.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.772*		*"*	*0.960*		*80.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.86*		*"*	*1.92*		*96.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.731*		*"*	*0.960*		*76.2*	*24-116*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41259 - EPA 3550C											
Blank (BH41259-BLK1) Blank									Prepared: 08/20/2024 Analyzed: 08/21/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*390*		*"*	*990*		*39.4*	*39-127.5*				
LCS (BH41259-BS1) LCS									Prepared: 08/20/2024 Analyzed: 08/21/2024		
1,4-Dioxane	458	19.8	ug/kg	495		92.6	40-130				
Surrogate: 1,4-Dioxane-d8	*374*		*"*	*990*		*37.7*	*39-127.5*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
Blank (BH41437-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/23/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.750	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.757	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.789	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.351	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.740	"								
HFPO-DA (Gen-X)	ND	0.789	"								
11CL-PF3OUdS	0.493	0.746	"								
9CL-PF3ONS	ND	0.738	"								
ADONA	ND	0.746	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.986	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.93	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.93	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.73*		"	*2.30*		*119*	*25-150*				
Surrogate: M5PFHxA	*2.62*		"	*2.47*		*106*	*25-150*				
Surrogate: M4PFHpA	*3.07*		"	*2.47*		*125*	*25-150*				
Surrogate: M3PFHxS	*2.17*		"	*2.34*		*92.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.50*		"	*2.47*		*101*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.23*		*99.6*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.23*		*95.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.02*		"	*1.23*		*83.0*	*25-150*				
Surrogate: M2PFTeDA	*0.725*		"	*1.23*		*58.8*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
Blank (BH41437-BLK1) Blank								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.78*		*ug/kg wet*	*9.86*		*99.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.32*		*"*	*2.36*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.23*		*"*	*4.93*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.67*		*"*	*2.47*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.83*		*"*	*4.93*		*77.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.05*		*"*	*4.93*		*82.2*	*25-150*				
Surrogate: M2-6:2 FTS	*5.61*		*"*	*4.69*		*120*	*25-200*				
Surrogate: M2-8:2 FTS	*5.87*		*"*	*4.73*		*124*	*25-200*				
Surrogate: M9PFNA	*1.15*		*"*	*1.23*		*92.9*	*25-150*				
Surrogate: M2-4:2 FTS	*6.97*		*"*	*4.63*		*151*	*25-150*				
Surrogate: d-N-MeFOSA	*3.48*		*"*	*2.47*		*141*	*25-150*				
Surrogate: d-N-EtFOSA	*2.55*		*"*	*2.47*		*103*	*25-150*				
Surrogate: M3HFPO-DA	*14.3*		*"*	*9.86*		*145*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.4*		*"*	*24.7*		*74.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.1*		*"*	*24.7*		*81.5*	*25-150*				
LCS (BH41437-BS1) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	3.20	0.175	ug/kg wet	3.50		91.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.81	0.198	"	3.95		96.5	50-150				
Perfluoroheptanoic acid (PFHpA)	3.47	0.198	"	3.95		87.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.55	0.181	"	3.62		98.1	50-150				
Perfluorooctanoic acid (PFOA)	4.00	0.198	"	3.95		101	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.32	0.184	"	3.68		90.3	50-150				
Perfluorononanoic acid (PFNA)	3.90	0.198	"	3.95		98.5	50-150				
Perfluorodecanoic acid (PFDA)	4.31	0.198	"	3.95		109	50-150				
Perfluoroundecanoic acid (PFUnA)	4.29	0.198	"	3.95		109	50-150				
Perfluorododecanoic acid (PFDoA)	3.76	0.198	"	3.95		95.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.74	0.198	"	3.95		120	50-150				
Perfluorotetradecanoic acid (PFTA)	4.11	0.198	"	3.95		104	50-150				
N-MeFOSAA	3.51	0.198	"	3.95		88.9	50-150				
N-EtFOSAA	3.84	0.198	"	3.95		97.1	50-150				
Perfluoropentanoic acid (PFPeA)	7.87	0.395	"	7.91		99.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.68	0.198	"	3.95		93.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.14	0.198	"	3.77		83.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.92	0.191	"	3.81		76.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.0	0.751	"	15.0		107	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.0	0.759	"	15.2		85.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.9	0.791	"	15.8		101	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.03	0.352	"	7.04		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.31	0.395	"	7.91		105	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.85	0.395	"	7.91		99.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.17	0.395	"	7.91		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.80	0.186	"	3.72		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.3	0.741	"	14.8		96.2	50-150				
HFPO-DA (Gen-X)	6.25	0.791	"	7.91		79.0	50-150				
11CL-PF3OUdS	3.49	0.747	"	7.47		46.7	50-150	Low Bias			
9CL-PF3ONS	4.37	0.739	"	7.39		59.1	50-150				
ADONA	4.78	0.747	"	7.47		64.0	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS1) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.79	0.192	ug/kg wet	3.83		46.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.56	0.190	"	3.79		93.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	25.9	0.988	"	15.8		164	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	103	4.94	"	79.1		130	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	87.8	4.94	"	79.1		111	50-150				
N-MeFOSE	39.8	1.98	"	39.5		101	50-150				
N-MeFOSA	3.43	0.198	"	3.95		86.7	50-150				
N-EtFOSE	38.0	1.98	"	39.5		96.2	50-150				
N-EtFOSA	4.70	0.198	"	3.95		119	50-150				
Surrogate: M3PFBS	*2.84*		"	*2.30*		*123*	*25-150*				
Surrogate: M5PFHxA	*2.33*		"	*2.47*		*94.3*	*25-150*				
Surrogate: M4PFHpA	*2.71*		"	*2.47*		*110*	*25-150*				
Surrogate: M3PFHxS	*2.61*		"	*2.34*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.37*		"	*2.47*		*96.0*	*25-150*				
Surrogate: M6PFDA	*1.12*		"	*1.24*		*90.3*	*25-150*				
Surrogate: M7PFUdA	*1.05*		"	*1.24*		*84.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.874*		"	*1.24*		*70.7*	*25-150*				
Surrogate: M2PFTeDA	*0.700*		"	*1.24*		*56.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.47*		"	*9.88*		*95.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.23*		"	*2.37*		*94.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.60*		"	*4.94*		*93.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.37*		"	*2.47*		*95.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.50*		"	*4.94*		*70.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.63*		"	*4.94*		*73.4*	*25-150*				
Surrogate: M2-6:2 FTS	*7.37*		"	*4.70*		*157*	*25-200*				
Surrogate: M2-8:2 FTS	*7.24*		"	*4.74*		*153*	*25-200*				
Surrogate: M9PFNA	*1.21*		"	*1.24*		*97.6*	*25-150*				
Surrogate: M2-4:2 FTS	*8.74*		"	*4.63*		*189*	*25-150*				
Surrogate: d-N-MeFOSA	*2.93*		"	*2.47*		*119*	*25-150*				
Surrogate: d-N-EtFOSA	*2.44*		"	*2.47*		*98.8*	*25-150*				
Surrogate: M3HFPO-DA	*13.1*		"	*9.88*		*132*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.3*		"	*24.7*		*70.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.1*		"	*24.7*		*77.4*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS2) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	0.618	0.177	ug/kg wet	0.708		87.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.680	0.200	"	0.800		85.0	50-150				
Perfluoroheptanoic acid (PFHpA)	0.642	0.200	"	0.800		80.3	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.703	0.183	"	0.732		96.0	50-150				
Perfluorooctanoic acid (PFOA)	0.735	0.200	"	0.800		91.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.616	0.186	"	0.744		82.8	50-150				
Perfluorononanoic acid (PFNA)	0.751	0.200	"	0.800		93.8	50-150				
Perfluorodecanoic acid (PFDA)	0.853	0.200	"	0.800		107	50-150				
Perfluoroundecanoic acid (PFUnA)	0.832	0.200	"	0.800		104	50-150				
Perfluorododecanoic acid (PFDoA)	0.684	0.200	"	0.800		85.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.793	0.200	"	0.800		99.1	50-150				
Perfluorotetradecanoic acid (PFTA)	0.757	0.200	"	0.800		94.6	50-150				
N-MeFOSAA	0.711	0.200	"	0.800		88.8	50-150				
N-EtFOSAA	0.582	0.200	"	0.800		72.7	50-150				
Perfluoropentanoic acid (PFPeA)	1.42	0.400	"	1.60		88.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.749	0.200	"	0.800		93.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.626	0.200	"	0.764		82.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.575	0.193	"	0.772		74.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.84	0.760	"	3.04		93.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.12	0.768	"	3.07		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.93	0.800	"	3.20		91.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.46	0.356	"	1.42		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.65	0.400	"	1.60		103	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.42	0.400	"	1.60		88.8	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.51	0.400	"	1.60		94.3	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.768	0.188	"	0.752		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.43	0.750	"	3.00		80.9	50-150				
HFPO-DA (Gen-X)	1.54	0.800	"	1.60		96.4	50-150				
11CL-PF3OUdS	1.06	0.756	"	1.51		70.4	50-150				
9CL-PF3ONS	0.789	0.748	"	1.50		52.7	50-150				
ADONA	1.32	0.756	"	1.51		87.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.368	0.194	"	0.776		47.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.739	0.192	"	0.768		96.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	4.72	1.00	"	3.20		147	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	18.9	5.00	"	16.0		118	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	16.1	5.00	"	16.0		101	50-150				
N-MeFOSE	7.42	2.00	"	8.00		92.8	50-150				
N-MeFOSA	0.757	0.200	"	0.800		94.6	50-150				
N-EtFOSE	7.37	2.00	"	8.00		92.1	50-150				
N-EtFOSA	0.683	0.200	"	0.800		85.4	50-150				
Surrogate: M3PFBS	*3.48*		"	*2.33*		*149*	*25-150*				
Surrogate: M5PFHxA	*3.02*		"	*2.50*		*121*	*25-150*				
Surrogate: M4PFHpA	*3.41*		"	*2.50*		*137*	*25-150*				
Surrogate: M3PFHxS	*2.94*		"	*2.37*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.86*		"	*2.50*		*114*	*25-150*				
Surrogate: M6PFDA	*1.24*		"	*1.25*		*99.1*	*25-150*				
Surrogate: M7PFUdA	*1.23*		"	*1.25*		*98.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.997*		"	*1.25*		*79.8*	*25-150*				
Surrogate: M2PFTeDA	*0.859*		"	*1.25*		*68.7*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS2) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*ug/kg wet*	*10.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.60*		*"*	*2.40*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.87*		*"*	*5.00*		*117*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.01*		*"*	*2.50*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.70*		*"*	*5.00*		*94.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.19*		*"*	*5.00*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*8.52*		*"*	*4.76*		*179*	*25-200*				
Surrogate: M2-8:2 FTS	*7.32*		*"*	*4.80*		*153*	*25-200*				
Surrogate: M9PFNA	*1.40*		*"*	*1.25*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*9.08*		*"*	*4.69*		*194*	*25-150*				
Surrogate: d-N-MeFOSA	*3.65*		*"*	*2.50*		*146*	*25-150*				
Surrogate: d-N-EtFOSA	*2.93*		*"*	*2.50*		*117*	*25-150*				
Surrogate: M3HFPO-DA	*16.8*		*"*	*10.0*		*168*	*25-150*				
Surrogate: d9-N-EtFOSE	*23.7*		*"*	*25.0*		*95.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*25.5*		*"*	*25.0*		*102*	*25-150*				
Batch BH41553 - EPA 1633 Prep											
Blank (BH41553-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.748	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.756	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.787	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.738	"								
HFPO-DA (Gen-X)	ND	0.787	"								
11CL-PF3OUdS	ND	0.744	"								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41553 - EPA 1633 Prep											
Blank (BH41553-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
9CL-PF3ONS	ND	0.736	ug/kg wet								
ADONA	ND	0.744	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.984	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.92	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.92	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.87*		"	*2.29*		*125*	*25-150*				
Surrogate: M5PFHxA	*2.33*		"	*2.46*		*94.9*	*25-150*				
Surrogate: M4PFHpA	*2.95*		"	*2.46*		*120*	*25-150*				
Surrogate: M3PFHxS	*2.39*		"	*2.33*		*103*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.36*		"	*2.46*		*95.9*	*25-150*				
Surrogate: M6PFDA	*1.00*		"	*1.23*		*81.6*	*25-150*				
Surrogate: M7PFUdA	*0.929*		"	*1.23*		*75.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.792*		"	*1.23*		*64.3*	*25-150*				
Surrogate: M2PFTeDA	*0.644*		"	*1.23*		*52.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.50*		"	*9.84*		*25.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.82*		"	*2.36*		*77.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.68*		"	*4.92*		*95.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.02*		"	*2.46*		*82.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.77*		"	*4.92*		*76.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.51*		"	*4.92*		*71.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.07*		"	*4.68*		*87.0*	*25-200*				
Surrogate: M2-8:2 FTS	*3.53*		"	*4.72*		*74.8*	*25-200*				
Surrogate: M9PFNA	*1.06*		"	*1.23*		*85.9*	*25-150*				
Surrogate: M2-4:2 FTS	*4.92*		"	*4.62*		*107*	*25-150*				
Surrogate: d-N-MeFOSA	*0.946*		"	*2.46*		*38.4*	*25-150*				
Surrogate: d-N-EtFOSA	*0.735*		"	*2.46*		*29.9*	*25-150*				
Surrogate: M3HFPO-DA	*4.40*		"	*9.84*		*44.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.13*		"	*24.6*		*37.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*9.33*		"	*24.6*		*37.9*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41553 - EPA 1633 Prep											
LCS (BH41553-BS1) LCS								Prepared & Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	3.44	0.177	ug/kg wet	3.53		97.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.52	0.200	"	3.99		88.1	50-150				
Perfluoroheptanoic acid (PFHpA)	2.97	0.200	"	3.99		74.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.36	0.183	"	3.65		91.9	50-150				
Perfluorooctanoic acid (PFOA)	3.80	0.200	"	3.99		95.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	2.78	0.186	"	3.71		74.8	50-150				
Perfluorononanoic acid (PFNA)	3.83	0.200	"	3.99		95.8	50-150				
Perfluorodecanoic acid (PFDA)	3.99	0.200	"	3.99		100	50-150				
Perfluoroundecanoic acid (PFUnA)	4.07	0.200	"	3.99		102	50-150				
Perfluorododecanoic acid (PFDoA)	3.17	0.200	"	3.99		79.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.84	0.200	"	3.99		96.1	50-150				
Perfluorotetradecanoic acid (PFTA)	3.66	0.200	"	3.99		91.7	50-150				
N-MeFOSAA	3.81	0.200	"	3.99		95.4	50-150				
N-EtFOSAA	3.76	0.200	"	3.99		94.2	50-150				
Perfluoropentanoic acid (PFPeA)	7.47	0.399	"	7.98		93.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.49	0.200	"	3.99		87.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.30	0.200	"	3.81		86.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.37	0.193	"	3.85		61.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.5	0.758	"	15.2		109	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	11.6	0.766	"	15.3		75.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.0	0.798	"	16.0		94.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.53	0.355	"	7.11		91.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.28	0.399	"	7.98		91.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.29	0.399	"	7.98		91.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.55	0.399	"	7.98		94.6	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.64	0.188	"	3.75		96.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.9	0.749	"	15.0		92.6	50-150				
HFPO-DA (Gen-X)	7.66	0.798	"	7.98		95.9	50-150				
11CL-PF3OUdS	6.91	0.754	"	7.54		91.6	50-150				
9CL-PF3ONS	9.15	0.747	"	7.47		123	50-150				
ADONA	13.8	0.754	"	7.54		183	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	2.01	0.194	"	3.87		51.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.86	0.192	"	3.83		74.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.17	0.998	"	16.0		51.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	52.8	4.99	"	79.8		66.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	55.9	4.99	"	79.8		70.0	50-150				
N-MeFOSE	38.8	2.00	"	39.9		97.3	50-150				
N-MeFOSA	5.10	0.200	"	3.99		128	50-150				
N-EtFOSE	34.3	2.00	"	39.9		85.9	50-150				
N-EtFOSA	4.22	0.200	"	3.99		106	50-150				
Surrogate: M3PFBS	*3.23*		"	*2.33*		*139*	*25-150*				
Surrogate: M5PFHxA	*2.64*		"	*2.50*		*106*	*25-150*				
Surrogate: M4PFHpA	*3.41*		"	*2.50*		*137*	*25-150*				
Surrogate: M3PFHxS	*2.72*		"	*2.37*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.65*		"	*2.50*		*106*	*25-150*				
Surrogate: M6PFDA	*1.06*		"	*1.25*		*84.6*	*25-150*				
Surrogate: M7PFUdA	*0.875*		"	*1.25*		*70.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.789*		"	*1.25*		*63.3*	*25-150*				
Surrogate: M2PFTeDA	*0.780*		"	*1.25*		*62.5*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41553 - EPA 1633 Prep											
LCS (BH41553-BS1) LCS								Prepared & Analyzed: 08/23/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.2*		*ug/kg wet*	*9.98*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.23*		*"*	*2.39*		*93.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.42*		*"*	*4.99*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.07*		*"*	*2.50*		*83.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.89*		*"*	*4.99*		*78.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.58*		*"*	*4.99*		*71.8*	*25-150*				
Surrogate: M2-6:2 FTS	*5.28*		*"*	*4.75*		*111*	*25-200*				
Surrogate: M2-8:2 FTS	*4.60*		*"*	*4.79*		*96.1*	*25-200*				
Surrogate: M9PFNA	*1.23*		*"*	*1.25*		*98.2*	*25-150*				
Surrogate: M2-4:2 FTS	*6.68*		*"*	*4.68*		*143*	*25-150*				
Surrogate: d-N-MeFOSA	*0.728*		*"*	*2.50*		*29.2*	*25-150*				
Surrogate: d-N-EtFOSA	*0.722*		*"*	*2.50*		*28.9*	*25-150*				
Surrogate: M3HFPO-DA	*4.41*		*"*	*9.98*		*44.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.7*		*"*	*25.0*		*42.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*9.53*		*"*	*25.0*		*38.2*	*25-150*				
LCS (BH41553-BS2) LCS								Prepared & Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	0.636	0.174	ug/kg wet	0.695		91.4	50-150				
Perfluorohexanoic acid (PFHxA)	0.619	0.196	"	0.786		78.8	50-150				
Perfluoroheptanoic acid (PFHpA)	0.549	0.196	"	0.786		69.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.690	0.180	"	0.719		96.0	50-150				
Perfluorooctanoic acid (PFOA)	0.748	0.196	"	0.786		95.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.699	0.183	"	0.731		95.7	50-150				
Perfluorononanoic acid (PFNA)	0.715	0.196	"	0.786		91.0	50-150				
Perfluorodecanoic acid (PFDA)	0.790	0.196	"	0.786		100	50-150				
Perfluoroundecanoic acid (PFUnA)	0.714	0.196	"	0.786		90.8	50-150				
Perfluorododecanoic acid (PFDoA)	0.568	0.196	"	0.786		72.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.840	0.196	"	0.786		107	50-150				
Perfluorotetradecanoic acid (PFTA)	0.798	0.196	"	0.786		102	50-150				
N-MeFOSAA	0.688	0.196	"	0.786		87.6	50-150				
N-EtFOSAA	0.753	0.196	"	0.786		95.8	50-150				
Perfluoropentanoic acid (PFPeA)	1.40	0.393	"	1.57		89.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.720	0.196	"	0.786		91.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.667	0.196	"	0.750		88.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.560	0.190	"	0.758		73.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.09	0.747	"	2.99		103	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.57	0.754	"	3.02		85.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.82	0.786	"	3.14		89.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.20	0.350	"	1.40		85.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.89	0.393	"	1.57		121	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.37	0.393	"	1.57		87.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.46	0.393	"	1.57		92.6	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.697	0.185	"	0.739		94.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.72	0.737	"	2.95		92.2	50-150				
HFPO-DA (Gen-X)	1.83	0.786	"	1.57		116	50-150				
11CL-PF3OUdS	1.75	0.743	"	1.49		118	50-150				
9CL-PF3ONS	1.96	0.735	"	1.47		133	50-150				
ADONA	3.46	0.743	"	1.49		233	50-150	High Bias			

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41553 - EPA 1633 Prep											
LCS (BH41553-BS2) LCS								Prepared & Analyzed: 08/23/2024			
Perfluorododecanesulfonic acid (PFDoS)	0.294	0.191	ug/kg wet	0.762		38.6	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.632	0.189	"	0.754		83.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	0.789	0.982	"	3.14		25.1	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	9.59	4.91	"	15.7		61.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	11.1	4.91	"	15.7		70.5	50-150				
N-MeFOSE	7.20	1.96	"	7.86		91.6	50-150				
N-MeFOSA	0.352	0.196	"	0.786		44.8	50-150	Low Bias			
N-EtFOSE	7.30	1.96	"	7.86		92.9	50-150				
N-EtFOSA	1.12	0.196	"	0.786		142	50-150				
Surrogate: M3PFBS	*2.64*		"	*2.29*		*115*	*25-150*				
Surrogate: M5PFHxA	*2.25*		"	*2.46*		*91.6*	*25-150*				
Surrogate: M4PFHpA	*2.90*		"	*2.46*		*118*	*25-150*				
Surrogate: M3PFHxS	*2.19*		"	*2.33*		*94.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.21*		"	*2.46*		*90.0*	*25-150*				
Surrogate: M6PFDA	*0.886*		"	*1.23*		*72.1*	*25-150*				
Surrogate: M7PFUdA	*0.852*		"	*1.23*		*69.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.696*		"	*1.23*		*56.7*	*25-150*				
Surrogate: M2PFTeDA	*0.537*		"	*1.23*		*43.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.44*		"	*9.82*		*85.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.85*		"	*2.35*		*78.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.66*		"	*4.91*		*94.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.74*		"	*2.46*		*70.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.27*		"	*4.91*		*66.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.95*		"	*4.91*		*60.0*	*25-150*				
Surrogate: M2-6:2 FTS	*3.89*		"	*4.67*		*83.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.29*		"	*4.72*		*69.8*	*25-200*				
Surrogate: M9PFNA	*1.09*		"	*1.23*		*88.4*	*25-150*				
Surrogate: M2-4:2 FTS	*4.51*		"	*4.61*		*97.9*	*25-150*				
Surrogate: d-N-MeFOSA	*0.734*		"	*2.46*		*29.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.567*		"	*2.46*		*23.1*	*25-150*				
Surrogate: M3HFPO-DA	*3.19*		"	*9.82*		*32.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.62*		"	*24.6*		*31.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.53*		"	*24.6*		*30.7*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41492 - EPA 3550C											
Blank (BH41492-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0344*		*"*	*0.0664*		*51.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0437*		*"*	*0.0664*		*65.8*	*30-150*				
LCS (BH41492-BS1) LCS									Prepared & Analyzed: 08/22/2024		
4,4'-DDD	0.0220	0.00164	mg/kg wet	0.0332		66.3	40-140				
4,4'-DDE	0.0216	0.00164	"	0.0332		64.9	40-140				
4,4'-DDT	0.0233	0.00164	"	0.0332		70.2	40-140				
Aldrin	0.0232	0.00164	"	0.0332		69.9	40-140				
alpha-BHC	0.0240	0.00164	"	0.0332		72.2	40-140				
alpha-Chlordane	0.0241	0.00164	"	0.0332		72.4	40-140				
beta-BHC	0.0261	0.00164	"	0.0332		78.6	40-140				
delta-BHC	0.0226	0.00164	"	0.0332		67.9	40-140				
Dieldrin	0.0235	0.00164	"	0.0332		70.6	40-140				
Endosulfan I	0.0267	0.00164	"	0.0332		80.4	40-140				
Endosulfan II	0.0261	0.00164	"	0.0332		78.6	40-140				
Endosulfan sulfate	0.0238	0.00164	"	0.0332		71.6	40-140				
Endrin	0.0251	0.00164	"	0.0332		75.4	40-140				
Endrin aldehyde	0.0255	0.00164	"	0.0332		76.8	40-140				
Endrin ketone	0.0248	0.00164	"	0.0332		74.7	40-140				
gamma-BHC (Lindane)	0.0243	0.00164	"	0.0332		73.0	40-140				
gamma-Chlordane	0.0241	0.00164	"	0.0332		72.5	40-140				
Heptachlor	0.0264	0.00164	"	0.0332		79.6	40-140				
Heptachlor epoxide	0.0248	0.00164	"	0.0332		74.6	40-140				
Methoxychlor	0.0234	0.00164	"	0.0332		70.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0383*		*"*	*0.0664*		*57.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0493*		*"*	*0.0664*		*74.1*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41399 - EPA 3550C											
Blank (BH41399-BLK2) Blank									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0744*		*"*	*0.0664*		*112*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0565*		*"*	*0.0664*		*85.0*	*30-140*				
LCS (BH41399-BS2) LCS									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aroclor 1016	0.267	0.0166	mg/kg wet	0.332		80.4	40-130				
Aroclor 1260	0.253	0.0166	"	0.332		76.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0575*		*"*	*0.0664*		*86.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0452*		*"*	*0.0664*		*68.0*	*30-140*				
Batch BH41403 - EPA 3550C											
Blank (BH41403-BLK1) Blank									Prepared & Analyzed: 08/21/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0631*		*"*	*0.0664*		*95.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0362*		*"*	*0.0664*		*54.5*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41403 - EPA 3550C											
LCS (BH41403-BS1) LCS							Prepared & Analyzed: 08/21/2024				
Aroclor 1016	0.266	0.0166	mg/kg wet	0.332		80.0	40-130				
Aroclor 1260	0.257	0.0166	"	0.332		77.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0535*		"	*0.0664*		*80.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0362*		"	*0.0664*		*54.5*	*30-140*				
Matrix Spike (BH41403-MS1) Matrix Spike *Source sample: 24H1241-01 (PE12_15)							Prepared & Analyzed: 08/21/2024				
Aroclor 1016	0.281	0.0194	mg/kg dry	0.388	ND	72.6	40-140				
Aroclor 1260	0.259	0.0194	"	0.388	ND	66.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0578*		"	*0.0775*		*74.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0364*		"	*0.0775*		*47.0*	*30-140*				
Matrix Spike Dup (BH41403-! Matrix Spike Dup *Source sample: 24H1241-01 (PE12_15)							Prepared & Analyzed: 08/21/2024				
Aroclor 1016	0.313	0.0194	mg/kg dry	0.388	ND	80.8	40-140		10.7	50	
Aroclor 1260	0.299	0.0194	"	0.388	ND	77.2	40-140		14.5	50	
Surrogate: Tetrachloro-m-xylene	*0.0640*		"	*0.0775*		*82.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0430*		"	*0.0775*		*55.5*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41496 - EPA 3550C/8151A											
Blank (BH41496-BLK1) Blank									Prepared: 08/22/2024 Analyzed: 08/26/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.266*		*"*	*0.415*		*64.0*	*21-150*				
LCS (BH41496-BS1) LCS									Prepared: 08/22/2024 Analyzed: 08/26/2024		
2,4,5-T	0.0532	0.0199	mg/kg wet	0.0664		80.0	10-120				
2,4,5-TP (Silvex)	0.0498	0.0199	"	0.0664		75.0	10-120				
2,4-D	0.0507	0.0199	"	0.0664		76.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.280*		*"*	*0.415*		*67.4*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41413 - EPA 3050B											
Blank (BH41413-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	0.067	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	10.0	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41413-SRM1) Reference									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aluminum	5680	4.17	mg/kg wet	7680		74.0	46.7-129.9				
Antimony	74.9	2.08	"	257		29.1	1-100				
Arsenic	294	1.25	"	360		81.7	70.6-102.2				
Barium	297	2.08	"	332		89.6	75-108.1				
Beryllium	162	0.042	"	183		88.7	76.5-108.2				
Cadmium	196	0.250	"	238		82.4	73.5-105				
Calcium	4800	4.17	"	5490		87.4	77.2-110.9				
Chromium	174	0.417	"	199		87.2	73.4-107				
Cobalt	81.3	0.333	"	88.7		91.6	76.6-107.6				
Copper	212	1.67	"	227		93.6	74.9-105.7				
Iron	6000	20.8	"	7360		81.5	51.1-125.8				
Lead	87.5	0.417	"	100		87.5	75.9-110				
Magnesium	1560	4.17	"	1900		81.9	67.4-111.1				
Manganese	497	0.417	"	591		84.1	72.6-107.1				
Nickel	308	0.830	"	342		90.1	75.4-107.6				
Potassium	1170	4.17	"	1500		78.1	66.1-116.7				
Selenium	154	2.08	"	170		90.5	78.2-115.9				
Silver	76.8	0.420	"	88.6		86.7	73.9-112				
Sodium	534	41.7	"	527		101	68.5-115.9				
Thallium	190	2.08	"	226		84.0	73.5-108.4				
Vanadium	101	0.830	"	118		85.5	68.1-106.8				
Zinc	163	2.08	"	183		89.2	72.7-109.3				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41475 - EPA 7473 soil											
Blank (BH41475-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41475-SRM1) Reference									Prepared & Analyzed: 08/22/2024		
Mercury	19.245		mg/kg	18.2		106	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41416 - Analysis Preparation Soil											
Blank (BH41416-BLK1) Blank									Prepared & Analyzed: 08/21/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH41416-SRM1) Reference									Prepared & Analyzed: 08/21/2024		
Cyanide, total	50.8		ug/mL	59.7		85.1	38.5-161.4				
Batch BH41521 - EPA SW846-3060											
Blank (BH41521-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH41521-SRM1) Reference									Prepared & Analyzed: 08/22/2024		
Chromium, Hexavalent	190		mg/L	227		83.9	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1241-01	PE12_15	40mL Vial with Stir Bar-Cool 4° C
24H1241-02	PE19_15	40mL Vial with Stir Bar-Cool 4° C
24H1241-03	PE20_15	40mL Vial with Stir Bar-Cool 4° C
24H1241-04	PE27_15	40mL Vial with Stir Bar-Cool 4° C
24H1241-05	PE28_15	40mL Vial with Stir Bar-Cool 4° C
24H1241-06	TB_08192024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: Per client request, the following sample IDs were updated to remove the dash after PE in the ID nomenclature.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24#1241

Page 1 of 5

Report To:	Invoice To:
Company: LANCAN	Company:
Address: 200 Kimball Dr Parsippany NJ 07054	Address:
Phone.: 973 560 4900	Phone.: Same
Contact: Lauren Kotth	Contact:
E-mail: LKotth@langan.com	E-mail:

YOUR Project Name / Number: 12096 Flatlands Avenue
100688801

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time
- RUSH - Next Day [ ]
- RUSH - Two Day [ ]
- RUSH - Three Day [ ]
- RUSH - Four Day [ ]
- RUSH - Five Day [ ]
- Standard (6-9 Day) [X]
- PFAS Standard 7-10 Day [ ]

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

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pest.+Herbicides	Cyanides	Tot. Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp. G/C
PB-12_15	8/19	11:00	Soil	3									1	X	X	X	X	X	X	X	X	
PB-19_15		11:10		3									1	X	X	X	X	X	X	X	X	
PB-20_15		11:15		3									1	X	X	X	X	X	X	X	X	
PB-27_15		11:20		3									1	X	X	X	X	X	X	X	X	
PB-28_15		11:25		3									1	X	X	X	X	X	X	X	X	
TB-08[illegible]24			Liq		2								2	X								

Report Type (circle)
- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)
- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

- Field Filtered [ ]
- Lab Filtered [ ]

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Kyle Godfrey LANGAN	8/19 14:30	Raman Duran	8/19/24 1831	Raman Duran	8/19/24 21:20
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	8/19/24 21:20 5.4° Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1317

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1317

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 20, 2024 and listed below. The project was identified as your project: **100688801**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1317-01	PE13_15	Soil	08/20/2024	08/20/2024
24H1317-02	PE14_15	Soil	08/20/2024	08/20/2024
24H1317-03	PE15_16	Soil	08/20/2024	08/20/2024
24H1317-04	PE11_15	Soil	08/20/2024	08/20/2024
24H1317-05	PE22_16	Soil	08/20/2024	08/20/2024
24H1317-06	PE23_16	Soil	08/20/2024	08/20/2024
24H1317-07	PE30_16	Soil	08/20/2024	08/20/2024
24H1317-08	PE31_16	Soil	08/20/2024	08/20/2024
24H1317-09	TB_08202024	Water	08/20/2024	08/20/2024

General Notes for York Project (SDG) No.: 24H1317

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

Approved By **Date:** 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.030	0.059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0082**	CCVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.212	0.424	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.212	0.424	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0879**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0685**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0871**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.156**		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	**Di-n-butyl phthalate**	**0.0609**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.106	0.211	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.190**		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0558**	J	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.151**		mg/kg dry	0.0530	0.106	2	EPA 8270E	08/22/2024 08:26	08/22/2024 14:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.6 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*101 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.6 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 14:28	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.141	0.224	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0672	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.133	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.227	0.232	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.218	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.212	0.236	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.240	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.242	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.251	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.207	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.158	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 17:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.131	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.188	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.246	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.138	0.507	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.185	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.196	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.242	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.754	0.963	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.957	0.973	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.138	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.176	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.245	0.507	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0786	0.507	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.122	0.507	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.199	0.238	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.754	0.951	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.771	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.394	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.312	0.948	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.221	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.214	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.157	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 17:44	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.804	1.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.66	6.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.90	6.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.774	2.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.228	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.883	2.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.251	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 17:44	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*151 %*	PFSu-H	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*112 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*141 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*115 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*117 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*125 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*120 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*106 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*112 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*106 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.9 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*118 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*193 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*215 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*118 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*188 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*131 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*96.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*147 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*97.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*95.9 %*		*25-150*

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0409	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.205	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:37	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0209	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:35	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0254	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:45	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0254	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:45	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0254	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:45	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*99.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7780**		mg/kg dry	5.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.75**		mg/kg dry	1.59	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**33.0**		mg/kg dry	2.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.286**	B	mg/kg dry	0.053	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.318	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**424**		mg/kg dry	5.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.9**		mg/kg dry	0.531	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.70**		mg/kg dry	0.424	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**4.69**		mg/kg dry	2.12	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8620**		mg/kg dry	26.5	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**13.1**		mg/kg dry	0.531	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1290**		mg/kg dry	5.31	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**37.3**		mg/kg dry	0.531	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**9.16**		mg/kg dry	1.06	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**365**	B	mg/kg dry	5.31	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.535	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**83.3**		mg/kg dry	53.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.6**		mg/kg dry	1.06	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.9**		mg/kg dry	2.64	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.163**		mg/kg dry	0.0382	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.636	1	EPA 7196A	08/26/2024 15:00	08/27/2024 09:29	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.9**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.636	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE13_15 **York Sample ID:** 24H1317-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:10 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.6		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.082**	CCVE	mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	**Methyl acetate**	**0.0026**	J	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	08/22/2024 10:46	08/22/2024 16:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*86.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.362	0.724	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.362	0.724	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.181	0.361	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.205**		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.169**	J	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.153**	J	mg/kg dry	0.0906	0.181	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:21	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.8 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*106 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.6 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 14:45	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.239	0.380	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.114	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.226	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.385	0.393	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.370	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.359	0.400	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.406	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.411	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.426	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.350	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.269	0.430	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.221	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.318	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.417	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.234	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.314	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.333	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.411	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.28	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.62	1.65	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.234	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.299	0.765	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.415	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.133	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.206	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.337	0.404	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.28	1.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.31	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.669	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.529	1.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.374	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.363	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.267	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:00	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.36	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	4.51	10.7	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	3.22	10.7	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.31	4.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.387	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.50	4.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.426	0.430	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:00	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*141 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*111 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*122 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*130 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*104 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*101 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*104 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*119 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*103 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*133 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*133 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*118 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*147 %*	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*133 %*	*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*92.0 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*132 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*98.1 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*95.3 %*	*25-150*

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0703	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.352	5	EPA 8081B	08/22/2024 08:21	08/22/2024 17:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0360	1	EPA 8082A	08/21/2024 13:58	08/21/2024 20:48	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0433	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:52	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0433	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:52	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0433	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:52	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*47.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15500**		mg/kg dry	9.12	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	4.56	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.69**		mg/kg dry	2.74	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**170**		mg/kg dry	4.55	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.584**	B	mg/kg dry	0.092	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.547	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**8740**		mg/kg dry	9.12	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**30.8**		mg/kg dry	0.913	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**8.32**		mg/kg dry	0.729	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**49.2**		mg/kg dry	3.65	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**23500**		mg/kg dry	45.6	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**564**		mg/kg dry	0.913	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5330**		mg/kg dry	9.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**151**		mg/kg dry	0.913	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**30.0**		mg/kg dry	1.82	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1030**	B	mg/kg dry	9.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	4.56	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.919	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**305**		mg/kg dry	91.2	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	4.56	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**34.3**		mg/kg dry	1.82	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**221**		mg/kg dry	4.54	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.388**		mg/kg dry	0.0656	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	1.09	1	EPA 7196A	08/26/2024 15:00	08/27/2024 09:29	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**30.8**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.09	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE14_15 **York Sample ID:** 24H1317-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:20 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**45.7**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0073**	J	mg/kg dry	0.0063	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0063	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0032	0.0063	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0095	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 16:37	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0899	0.180	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270E	08/22/2024 08:26	08/22/2024 15:51	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.5 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.8 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 15:03	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.192	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0575	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.199	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.646	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.820	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.387	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.210	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0673	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.646	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.660	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.338	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.267	0.812	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.189	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:16	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.688	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.28	5.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.663	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.757	2.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:16	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*139 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*136 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*97.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*100 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.1 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*102 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*120 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*104 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*130 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*145 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*141 %*		*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*115 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*100 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*153 %*	PFSu-H	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*101 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*98.1 %*		*25-150*

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0357	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:02	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	08/21/2024 08:15	08/22/2024 15:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*57.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4090**		mg/kg dry	4.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.38	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**8.73**		mg/kg dry	2.29	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.267**	B	mg/kg dry	0.046	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.276	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**307**		mg/kg dry	4.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**7.92**		mg/kg dry	0.460	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.17**		mg/kg dry	0.367	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.13**		mg/kg dry	1.84	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8000**		mg/kg dry	23.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.53**		mg/kg dry	0.460	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1540**		mg/kg dry	4.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**42.5**		mg/kg dry	0.460	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.2**		mg/kg dry	0.916	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**424**	B	mg/kg dry	4.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	ND		mg/kg dry	46.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.3**		mg/kg dry	0.916	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**12.9**		mg/kg dry	2.29	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0331	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.552	1	EPA 7196A	08/26/2024 15:00	08/27/2024 09:29	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**7.92**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.552	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE15_16 **York Sample ID:** 24H1317-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:30 pm	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.6**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.025	0.050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.012**	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0013	0.0025	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260D	08/22/2024 10:46	08/22/2024 17:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*86.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.205	0.409	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.205	0.409	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.102	0.204	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*62.5 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*109 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.6 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 15:20	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*83.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0661	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.131	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.223	0.228	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.215	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.208	0.232	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.236	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.238	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.247	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.203	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.156	0.250	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 18:33	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.129	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.185	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.242	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.136	0.499	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.182	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.193	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.238	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.742	0.948	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.942	0.958	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.136	0.998	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.173	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.241	0.499	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0774	0.499	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.120	0.499	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.196	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.742	0.936	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.759	0.998	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.388	0.943	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.307	0.933	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.217	0.943	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.211	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.155	0.240	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 18:33	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.791	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.62	6.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.87	6.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.762	2.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.225	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.870	2.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.247	0.250	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 18:33	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*98.9 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*100 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*97.4 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*96.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*66.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.97 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*84.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*89.6 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*83.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*98.1 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*169 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*189 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*95.1 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*167 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*117 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*77.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*127 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*81.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.5 %*		*25-150*

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0411	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.206	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0206	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:16	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0248	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0248	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0248	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*56.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8630**		mg/kg dry	5.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.56	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**10.1**		mg/kg dry	2.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.344**	B	mg/kg dry	0.053	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**471**		mg/kg dry	5.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.8**		mg/kg dry	0.521	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.29**		mg/kg dry	0.416	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**3.58**		mg/kg dry	2.08	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**6760**		mg/kg dry	26.0	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**5.84**		mg/kg dry	0.521	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1170**		mg/kg dry	5.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**40.9**		mg/kg dry	0.521	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**8.77**		mg/kg dry	1.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**404**	B	mg/kg dry	5.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.525	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**111**		mg/kg dry	52.1	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.60	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**14.5**		mg/kg dry	1.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**12.3**		mg/kg dry	2.59	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0375	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.625	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**10.8**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.625	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE11_15 **York Sample ID:** 24H1317-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:00 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.0**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0060**		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.050**	CCVE	mg/kg dry	0.0050	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*86.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.224	0.449	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.224	0.449	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0887**	J	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0905**	J	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.126**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0663**	J	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.116**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.112	0.224	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.243**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0726**	J	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.185**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.207**		mg/kg dry	0.0562	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 16:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*52.9 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.2 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 15:38	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.151	0.240	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0720	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.143	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.243	0.249	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.234	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.227	0.253	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.257	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.259	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.269	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.221	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.170	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:21	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.140	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.201	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.263	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.148	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.198	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.211	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.259	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.808	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.03	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.148	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.189	0.484	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.262	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0842	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.213	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.808	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.826	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.422	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.334	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.236	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.230	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.168	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:21	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.861	1.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.85	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.04	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.830	2.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.244	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.947	2.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.269	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:21	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*135 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*104 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*119 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*98.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*98.9 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*124 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*98.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*284 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*347 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*106 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*293 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*97.5 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*74.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*94.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*92.7 %*		*25-150*

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0439	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.220	5	EPA 8081B	08/22/2024 08:21	08/22/2024 18:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: PCB-Tot

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.0402**		mg/kg dry	0.0225	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:29	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0273	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0273	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0273	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*99.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6790**		mg/kg dry	5.69	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.85	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.60**		mg/kg dry	1.71	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**327**		mg/kg dry	2.84	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.399**	B	mg/kg dry	0.057	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.683**		mg/kg dry	0.342	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2610**		mg/kg dry	5.69	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.570	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.22**		mg/kg dry	0.455	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**80.4**		mg/kg dry	2.28	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**26700**		mg/kg dry	28.5	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**300**		mg/kg dry	0.570	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1170**		mg/kg dry	5.70	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**195**		mg/kg dry	0.570	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**18.8**		mg/kg dry	1.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**495**	B	mg/kg dry	5.70	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.85	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.581**		mg/kg dry	0.574	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**417**		mg/kg dry	56.9	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.85	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.5**		mg/kg dry	1.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**447**		mg/kg dry	2.84	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.579**		mg/kg dry	0.0410	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.683	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.6**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.683	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE22_16 **York Sample ID:** 24H1317-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 12:15 pm	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.2**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE23_16** **York Sample ID:** **24H1317-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0032**	J	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.12**	CCVE	mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	08/22/2024 10:46	08/22/2024 18:47	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*85.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.228	0.455	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.228	0.455	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.114	0.227	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0570	0.114	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.1 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.5 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.3 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/27/2024 08:25	08/28/2024 15:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.153	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0732	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.145	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.247	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.238	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.231	0.257	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.261	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.264	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.274	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.225	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.173	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.142	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.204	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.268	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.151	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.202	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.214	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.264	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.822	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.04	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.151	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.192	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.267	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0857	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.133	0.553	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.217	0.260	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.822	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.840	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.430	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.340	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.240	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.233	0.268	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.171	0.265	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:37	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.876	1.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.90	6.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.07	6.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.844	2.76	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.249	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.963	2.76	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.274	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:37	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*136 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*142 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*107 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*98.8 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*102 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*108 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*100 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*132 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*148 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*108 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*150 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*85.6 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*81.1 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*117 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*95.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*95.1 %*		*25-150*

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0863	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.432	5	EPA 8081B	08/22/2024 08:21	08/22/2024 19:22	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0226	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:43	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0275	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0275	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0275	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*59.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6800**		mg/kg dry	5.76	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.88	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.59**		mg/kg dry	1.73	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**179**		mg/kg dry	2.87	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.311**	B	mg/kg dry	0.058	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.391**		mg/kg dry	0.345	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3300**		mg/kg dry	5.76	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.6**		mg/kg dry	0.576	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.57**		mg/kg dry	0.460	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**49.1**		mg/kg dry	2.30	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14500**		mg/kg dry	28.8	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**225**		mg/kg dry	0.576	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2070**		mg/kg dry	5.76	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**79.9**		mg/kg dry	0.576	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.7**		mg/kg dry	1.15	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**552**	B	mg/kg dry	5.76	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.88	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.580	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**275**		mg/kg dry	57.6	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.88	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.2**		mg/kg dry	1.15	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**309**		mg/kg dry	2.87	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:26	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.384**		mg/kg dry	0.0414	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.691	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**18.6**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.691	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE23_16 **York Sample ID:** 24H1317-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:40 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**72.4**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **PE30_16** **York Sample ID:** **24H1317-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.030	0.060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0071**		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.11**		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0015	0.0030	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:04	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*115 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.224	0.447	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.224	0.447	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.0750**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0669**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0794**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0669**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.163**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0616**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**1.63**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0678**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.135**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/22/2024 08:26	08/22/2024 17:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.6 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.0 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 16:13	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*67.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.151	0.240	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0720	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.143	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.243	0.249	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.234	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.227	0.253	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.257	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.259	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.269	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.221	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.170	0.272	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 19:53	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.140	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.201	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.263	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.148	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.198	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.211	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.259	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.808	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.03	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.148	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.189	0.484	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.262	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0842	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.543	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.213	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.808	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.826	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.422	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.334	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.236	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.230	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.168	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 19:53	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.861	1.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.85	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.04	6.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.830	2.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.244	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.947	2.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.269	0.272	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 19:53	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*97.7 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*136 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*95.1 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*134 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.8 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*109 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*129 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*215 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*299 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*101 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*164 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*93.0 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*60.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*87.0 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*86.4 %*		*25-150*

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0440	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.220	5	EPA 8081B	08/28/2024 08:54	08/28/2024 14:46	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0223	1	EPA 8082A	08/21/2024 13:58	08/21/2024 21:57	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0271	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0271	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0271	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*81.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7920**		mg/kg dry	5.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.80**		mg/kg dry	1.70	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**708**		mg/kg dry	2.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.340**	B	mg/kg dry	0.057	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.771**		mg/kg dry	0.340	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**7080**		mg/kg dry	5.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**26.3**		mg/kg dry	0.567	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.49**		mg/kg dry	0.453	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**105**		mg/kg dry	2.27	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**20500**		mg/kg dry	28.3	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**963**		mg/kg dry	0.567	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1890**		mg/kg dry	5.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**156**		mg/kg dry	0.567	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**19.0**		mg/kg dry	1.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**762**	B	mg/kg dry	5.67	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**959**		mg/kg dry	56.7	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.1**		mg/kg dry	1.13	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**560**		mg/kg dry	2.82	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.382**		mg/kg dry	0.0408	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.680	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**26.3**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.680	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE30_16 **York Sample ID:** 24H1317-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:50 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	73.5		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE31_16** **York Sample ID:** **24H1317-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.023**		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.12**	CCVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	08/22/2024 10:46	08/22/2024 19:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*87.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.240	0.480	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.240	0.480	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0632**	J	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.120	0.239	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.0891**	J	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0718**	J	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0910**	J	mg/kg dry	0.0601	0.120	2	EPA 8270E	08/22/2024 08:26	08/22/2024 18:20	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.9 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*101 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.1 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 16:30	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.159	0.254	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0760	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.151	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.257	0.263	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.247	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.240	0.267	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.271	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.274	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.284	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.234	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.179	0.287	1	EPA 1633 Draft 3	08/21/2024 16:47	08/23/2024 20:09	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.148	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.212	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.278	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.156	0.574	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.209	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.222	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.274	0.277	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.854	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.08	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.156	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.199	0.511	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.277	0.574	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0890	0.574	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.138	0.574	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.225	0.270	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.854	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.872	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-CCV-L	ug/kg dry	0.446	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
756426-58-1	* 9CL-PF3ONS	ND	PF-CCV-L	ug/kg dry	0.353	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
919005-14-4	* ADONA	ND	PF-CCV-L	ug/kg dry	0.250	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.242	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.178	0.275	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/21/2024 16:47	08/23/2024 20:09	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.910	1.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.01	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.15	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.877	2.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.258	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.00	2.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.284	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/21/2024 16:47	08/23/2024 20:09	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*136 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*134 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*110 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*29.7 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*147 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*96.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*129 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*163 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*406 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*520 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*109 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*273 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*87.5 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*63.9 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*86.0 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*79.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*75.0 %*		*25-150*

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0479	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.239	5	EPA 8081B	08/28/2024 08:54	08/28/2024 15:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0239	1	EPA 8082A	08/21/2024 13:58	08/21/2024 22:10	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0290	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0290	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0290	1	EPA 8151A	08/21/2024 08:15	08/22/2024 16:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*86.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8010**		mg/kg dry	6.09	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	3.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.06**		mg/kg dry	1.83	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**326**		mg/kg dry	3.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.414**	B	mg/kg dry	0.061	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.730**		mg/kg dry	0.365	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**30800**		mg/kg dry	6.09	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**24.7**		mg/kg dry	0.609	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.66**		mg/kg dry	0.486	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**77.3**		mg/kg dry	2.43	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15000**		mg/kg dry	30.4	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**533**		mg/kg dry	0.609	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3110**		mg/kg dry	6.09	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**146**		mg/kg dry	0.609	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**14.3**		mg/kg dry	1.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**673**	B	mg/kg dry	6.09	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	3.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.613	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**501**		mg/kg dry	60.9	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	3.04	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.4**		mg/kg dry	1.21	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**343**		mg/kg dry	3.03	1	EPA 6010D	08/21/2024 14:34	08/22/2024 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.431**		mg/kg dry	0.0438	1	EPA 7473	08/22/2024 09:25	08/22/2024 15:27	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.730	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**24.7**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.730	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE31_16 **York Sample ID:** 24H1317-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Soil	August 20, 2024 8:30 am	08/20/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**68.5**		%	0.100	1	SM 2540G	08/22/2024 07:09	08/22/2024 15:25	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_08202024 **York Sample ID:** 24H1317-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Water	August 20, 2024 3:00 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	40	40	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08202024 **York Sample ID:** 24H1317-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Water	August 20, 2024 3:00 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_08202024 **York Sample ID:** 24H1317-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Water	August 20, 2024 3:00 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08202024 **York Sample ID:** 24H1317-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1317	100688801	Water	August 20, 2024 3:00 pm	08/20/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/23/2024 09:32	08/23/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.2 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*79-122*

Analytical Batch Summary

Batch ID: BH41358 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/21/24
24H1317-02	PE14_15	08/21/24
24H1317-03	PE15_16	08/21/24
24H1317-04	PE11_15	08/21/24
24H1317-05	PE22_16	08/21/24
24H1317-06	PE23_16	08/21/24
24H1317-07	PE30_16	08/21/24
24H1317-08	PE31_16	08/21/24
BH41358-BLK1	Blank	08/21/24
BH41358-BS1	LCS	08/21/24

Batch ID: BH41403 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/21/24
24H1317-02	PE14_15	08/21/24
24H1317-03	PE15_16	08/21/24
24H1317-04	PE11_15	08/21/24
24H1317-05	PE22_16	08/21/24
24H1317-06	PE23_16	08/21/24
24H1317-07	PE30_16	08/21/24
24H1317-08	PE31_16	08/21/24
BH41403-BLK1	Blank	08/21/24
BH41403-BS1	LCS	08/21/24

Batch ID: BH41413 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/21/24
24H1317-02	PE14_15	08/21/24
24H1317-03	PE15_16	08/21/24
24H1317-04	PE11_15	08/21/24
24H1317-05	PE22_16	08/21/24
24H1317-06	PE23_16	08/21/24
24H1317-07	PE30_16	08/21/24
24H1317-08	PE31_16	08/21/24
BH41413-BLK1	Blank	08/21/24
BH41413-SRM1	Reference	08/21/24

Batch ID: BH41437 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/21/24
24H1317-02	PE14_15	08/21/24

24H1317-03	PE15_16	08/21/24
24H1317-04	PE11_15	08/21/24
24H1317-05	PE22_16	08/21/24
24H1317-06	PE23_16	08/21/24
24H1317-07	PE30_16	08/21/24
24H1317-08	PE31_16	08/21/24
BH41437-BLK1	Blank	08/21/24
BH41437-BS1	LCS	08/21/24
BH41437-BS2	LCS	08/21/24

Batch ID: BH41446 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-03	PE15_16	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
24H1317-07	PE30_16	08/22/24
24H1317-08	PE31_16	08/22/24

Batch ID: BH41459 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-03	PE15_16	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
BH41459-BLK1	Blank	08/22/24
BH41459-BS1	LCS	08/22/24

Batch ID: BH41462 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-03	PE15_16	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
24H1317-07	PE30_16	08/22/24
24H1317-08	PE31_16	08/22/24
BH41462-BLK1	Blank	08/22/24
BH41462-BS1	LCS	08/22/24

Batch ID: BH41475 **Preparation Method:** EPA 7473 soil **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-03	PE15_16	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
24H1317-07	PE30_16	08/22/24
24H1317-08	PE31_16	08/22/24
BH41475-BLK1	Blank	08/22/24
BH41475-SRM1	Reference	08/22/24

Batch ID: BH41576 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-09	TB_08202024	08/23/24
BH41576-BLK1	Blank	08/23/24
BH41576-BS1	LCS	08/23/24
BH41576-BSD1	LCS Dup	08/23/24

Batch ID: BH41577 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/22/24
24H1317-02	PE14_15	08/22/24
24H1317-04	PE11_15	08/22/24
24H1317-05	PE22_16	08/22/24
24H1317-06	PE23_16	08/22/24
24H1317-08	PE31_16	08/22/24
BH41577-BLK1	Blank	08/22/24
BH41577-BS1	LCS	08/22/24
BH41577-BSD1	LCS Dup	08/22/24

Batch ID: BH41640 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/26/24
24H1317-02	PE14_15	08/26/24
24H1317-03	PE15_16	08/26/24
24H1317-04	PE11_15	08/26/24
24H1317-05	PE22_16	08/26/24
24H1317-06	PE23_16	08/26/24
24H1317-07	PE30_16	08/26/24
24H1317-08	PE31_16	08/26/24
BH41640-BLK1	Blank	08/26/24
BH41640-DUP1	Duplicate	08/26/24
BH41640-MS1	Matrix Spike	08/26/24
BH41640-MSD1	Matrix Spike Dup	08/26/24

BH41640-SRM1	Reference	08/26/24

Batch ID: BH41690 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-03	PE15_16	08/23/24
24H1317-07	PE30_16	08/23/24
BH41690-BLK1	Blank	08/23/24
BH41690-BS1	LCS	08/23/24
BH41690-BSD1	LCS Dup	08/23/24

Batch ID: BH41707 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/26/24
24H1317-02	PE14_15	08/26/24
24H1317-03	PE15_16	08/26/24
BH41707-BLK1	Blank	08/26/24
BH41707-DUP1	Duplicate	08/26/24
BH41707-MS1	Matrix Spike	08/26/24
BH41707-MSD1	Matrix Spike Dup	08/26/24
BH41707-SRM1	Reference	08/26/24

Batch ID: BH41757 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/27/24
24H1317-02	PE14_15	08/27/24
24H1317-03	PE15_16	08/27/24
24H1317-04	PE11_15	08/27/24
24H1317-05	PE22_16	08/27/24
24H1317-06	PE23_16	08/27/24
24H1317-07	PE30_16	08/27/24
24H1317-08	PE31_16	08/27/24
BH41757-BLK1	Blank	08/27/24
BH41757-BS1	LCS	08/27/24

Batch ID: BH41861 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-07	PE30_16	08/28/24
24H1317-08	PE31_16	08/28/24
BH41861-BLK1	Blank	08/28/24
BH41861-BS1	LCS	08/28/24

Batch ID: BH41875 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date

24H1317-04	PE11_15	08/28/24
24H1317-05	PE22_16	08/28/24
24H1317-06	PE23_16	08/28/24
24H1317-07	PE30_16	08/28/24
24H1317-08	PE31_16	08/28/24
BH41875-BLK1	Blank	08/28/24
BH41875-SRM1	Reference	08/28/24

Batch ID: BH41920 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1317-01	PE13_15	08/28/24
24H1317-02	PE14_15	08/28/24
24H1317-03	PE15_16	08/28/24
24H1317-04	PE11_15	08/28/24
24H1317-05	PE22_16	08/28/24
24H1317-06	PE23_16	08/28/24
24H1317-07	PE30_16	08/28/24
24H1317-08	PE31_16	08/28/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
Blank (BH41576-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
Blank (BH41576-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.18*		*"*	*10.0*		*91.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BH41576-BS1) LCS								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	9.3		ug/L	10.0		92.8	82-126				
1,1,1-Trichloroethane	9.1		"	10.0		90.8	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.9		"	10.0		98.7	54-165				
1,1,2-Trichloroethane	9.2		"	10.0		92.0	82-123				
1,1-Dichloroethane	9.2		"	10.0		91.5	82-129				
1,1-Dichloroethylene	9.9		"	10.0		98.7	68-138				
1,2,3-Trichlorobenzene	8.3		"	10.0		82.9	40-130				
1,2,3-Trichloropropane	12		"	10.0		124	77-128				
1,2,4-Trichlorobenzene	8.4		"	10.0		83.7	65-137				
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132				
1,2-Dibromo-3-chloropropane	9.2		"	10.0		91.6	45-147				
1,2-Dibromoethane	8.9		"	10.0		89.0	83-124				
1,2-Dichlorobenzene	9.6		"	10.0		95.7	79-123				
1,2-Dichloroethane	8.9		"	10.0		89.0	73-132				
1,2-Dichloropropane	10		"	10.0		99.6	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		114	80-131				
1,3-Dichlorobenzene	9.9		"	10.0		98.9	86-130				
1,4-Dichlorobenzene	9.7		"	10.0		96.7	85-130				
1,4-Dioxane	130		"	210		60.6	10-349				
2-Butanone	8.5		"	10.0		85.0	49-152				
2-Hexanone	9.4		"	10.0		93.5	51-146				
4-Methyl-2-pentanone	7.4		"	10.0		73.8	57-145				
Acetone	5.8		"	10.0		57.9	14-150				
Acrolein	3.0		"	10.0		29.6	10-153				
Acrylonitrile	7.7		"	10.0		77.2	51-150				
Benzene	9.6		"	10.0		95.6	85-126				
Bromochloromethane	8.8		"	10.0		88.5	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS (BH41576-BS1) LCS							Prepared & Analyzed: 08/23/2024				
Bromodichloromethane	9.4		ug/L	10.0		94.0	79-128				
Bromoform	8.2		"	10.0		82.4	78-133				
Bromomethane	9.0		"	10.0		89.7	43-168				
Carbon disulfide	9.4		"	10.0		93.8	68-146				
Carbon tetrachloride	9.4		"	10.0		93.7	77-141				
Chlorobenzene	9.4		"	10.0		93.5	88-120				
Chloroethane	8.4		"	10.0		84.5	65-136				
Chloroform	9.2		"	10.0		91.7	82-128				
Chloromethane	7.3		"	10.0		72.9	43-155				
cis-1,2-Dichloroethylene	9.2		"	10.0		92.1	83-129				
cis-1,3-Dichloropropylene	8.9		"	10.0		89.2	80-131				
Cyclohexane	8.3		"	10.0		83.1	63-149				
Dibromochloromethane	8.4		"	10.0		84.5	80-130				
Dibromomethane	8.8		"	10.0		88.4	72-134				
Dichlorodifluoromethane	5.5		"	10.0		55.4	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Hexachlorobutadiene	10		"	10.0		99.5	67-146				
Isopropylbenzene	12		"	10.0		118	76-140				
Methyl acetate	7.8		"	10.0		78.5	51-139				
Methyl tert-butyl ether (MTBE)	8.9		"	10.0		88.7	76-135				
Methylcyclohexane	10		"	10.0		104	72-143				
Methylene chloride	8.9		"	10.0		89.4	55-137				
n-Butylbenzene	11		"	10.0		113	79-132				
n-Propylbenzene	12		"	10.0		117	78-133				
o-Xylene	9.7		"	10.0		96.8	78-130				
p- & m- Xylenes	20		"	20.0		100	77-133				
p-Isopropyltoluene	12		"	10.0		116	81-136				
sec-Butylbenzene	12		"	10.0		117	79-137				
Styrene	9.6		"	10.0		96.3	67-132				
tert-Butyl alcohol (TBA)	11		"	50.0		21.2	25-162	Low Bias			
tert-Butylbenzene	11		"	10.0		105	77-138				
Tetrachloroethylene	9.5		"	10.0		94.8	82-131				
Toluene	10		"	10.0		99.5	80-127				
trans-1,2-Dichloroethylene	9.2		"	10.0		92.1	80-132				
trans-1,3-Dichloropropylene	7.4		"	10.0		74.4	78-131	Low Bias			
trans-1,4-dichloro-2-butene	11		"	10.0		107	63-141				
Trichloroethylene	9.9		"	10.0		98.9	82-128				
Trichlorofluoromethane	8.7		"	10.0		87.4	67-139				
Vinyl Chloride	8.0		"	10.0		80.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.09*		*"*	*10.0*		*90.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS Dup (BH41576-BSD1) LCS Dup							Prepared & Analyzed: 08/23/2024				
1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0		97.9	82-126		5.35	30	
1,1,1-Trichloroethane	9.4		"	10.0		94.5	78-136		3.99	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-129		8.36	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		99.9	54-165		1.21	30	
1,1,2-Trichloroethane	9.4		"	10.0		94.1	82-123		2.26	30	
1,1-Dichloroethane	9.4		"	10.0		94.4	82-129		3.12	30	
1,1-Dichloroethylene	10		"	10.0		102	68-138		3.58	30	
1,2,3-Trichlorobenzene	12		"	10.0		122	40-130		37.8	30	Non-dir.
1,2,3-Trichloropropane	13		"	10.0		126	77-128		2.00	30	
1,2,4-Trichlorobenzene	9.3		"	10.0		93.2	65-137		10.7	30	
1,2,4-Trimethylbenzene	12		"	10.0		116	82-132		4.96	30	
1,2-Dibromo-3-chloropropane	9.6		"	10.0		96.1	45-147		4.79	30	
1,2-Dibromoethane	9.0		"	10.0		90.3	83-124		1.45	30	
1,2-Dichlorobenzene	9.9		"	10.0		99.3	79-123		3.69	30	
1,2-Dichloroethane	9.7		"	10.0		96.9	73-132		8.50	30	
1,2-Dichloropropane	10		"	10.0		101	78-126		1.30	30	
1,3,5-Trimethylbenzene	12		"	10.0		118	80-131		3.02	30	
1,3-Dichlorobenzene	10		"	10.0		103	86-130		4.45	30	
1,4-Dichlorobenzene	9.9		"	10.0		98.6	85-130		1.95	30	
1,4-Dioxane	180		"	210		86.1	10-349		34.8	30	Non-dir.
2-Butanone	9.3		"	10.0		93.0	49-152		8.99	30	
2-Hexanone	10		"	10.0		99.9	51-146		6.62	30	
4-Methyl-2-pentanone	7.7		"	10.0		76.8	57-145		3.98	30	
Acetone	7.7		"	10.0		77.3	14-150		28.7	30	
Acrolein	3.5		"	10.0		35.3	10-153		17.6	30	
Acrylonitrile	7.5		"	10.0		74.8	51-150		3.16	30	
Benzene	10		"	10.0		100	85-126		5.00	30	
Bromochloromethane	9.4		"	10.0		94.0	77-128		6.03	30	
Bromodichloromethane	9.7		"	10.0		97.2	79-128		3.35	30	
Bromoform	8.2		"	10.0		82.5	78-133		0.121	30	
Bromomethane	9.0		"	10.0		90.0	43-168		0.334	30	
Carbon disulfide	9.6		"	10.0		95.9	68-146		2.21	30	
Carbon tetrachloride	9.8		"	10.0		97.6	77-141		4.08	30	
Chlorobenzene	9.8		"	10.0		97.9	88-120		4.60	30	
Chloroethane	8.7		"	10.0		86.6	65-136		2.45	30	
Chloroform	9.6		"	10.0		95.8	82-128		4.37	30	
Chloromethane	7.3		"	10.0		73.3	43-155		0.547	30	
cis-1,2-Dichloroethylene	9.8		"	10.0		98.2	83-129		6.41	30	
cis-1,3-Dichloropropylene	9.1		"	10.0		90.7	80-131		1.67	30	
Cyclohexane	8.5		"	10.0		84.6	63-149		1.79	30	
Dibromochloromethane	8.8		"	10.0		87.9	80-130		3.94	30	
Dibromomethane	8.9		"	10.0		88.6	72-134		0.226	30	
Dichlorodifluoromethane	5.2		"	10.0		52.1	44-144		6.14	30	
Ethyl Benzene	11		"	10.0		106	80-131		3.96	30	
Hexachlorobutadiene	9.6		"	10.0		96.3	67-146		3.27	30	
Isopropylbenzene	12		"	10.0		121	76-140		2.94	30	
Methyl acetate	8.8		"	10.0		87.6	51-139		11.0	30	
Methyl tert-butyl ether (MTBE)	9.5		"	10.0		95.1	76-135		6.96	30	
Methylcyclohexane	11		"	10.0		106	72-143		1.33	30	
Methylene chloride	9.3		"	10.0		93.2	55-137		4.16	30	
n-Butylbenzene	12		"	10.0		117	79-132		2.95	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41576 - EPA 5030B											
LCS Dup (BH41576-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	12		ug/L	10.0		120	78-133		3.20	30	
o-Xylene	10		"	10.0		100	78-130		3.55	30	
p- & m- Xylenes	21		"	20.0		105	77-133		4.54	30	
p-Isopropyltoluene	12		"	10.0		121	81-136		4.05	30	
sec-Butylbenzene	12		"	10.0		121	79-137		3.19	30	
Styrene	10		"	10.0		102	67-132		5.75	30	
tert-Butyl alcohol (TBA)	9.7		"	50.0		19.4	25-162	Low Bias	8.67	30	
tert-Butylbenzene	11		"	10.0		110	77-138		4.56	30	
Tetrachloroethylene	9.7		"	10.0		97.1	82-131		2.40	30	
Toluene	10		"	10.0		102	80-127		2.97	30	
trans-1,2-Dichloroethylene	9.8		"	10.0		98.1	80-132		6.31	30	
trans-1,3-Dichloropropylene	7.9		"	10.0		79.0	78-131		6.00	30	
trans-1,4-dichloro-2-butene	11		"	10.0		113	63-141		5.55	30	
Trichloroethylene	10		"	10.0		100	82-128		1.31	30	
Trichlorofluoromethane	8.8		"	10.0		87.9	67-139		0.570	30	
Vinyl Chloride	8.2		"	10.0		81.9	58-145		1.97	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.36*		*"*	*10.0*		*93.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				
Batch BH41577 - EPA 5035A											
Blank (BH41577-BLK1) Blank								Prepared & Analyzed: 08/22/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
Blank (BH41577-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*42.6*		*"*	*50.0*		*85.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS (BH41577-BS1) LCS							Prepared & Analyzed: 08/22/2024				
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.4	75-129				
1,1,1-Trichloroethane	60		"	50.0		120	71-137				
1,1,2,2-Tetrachloroethane	44		"	50.0		87.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		118	58-146				
1,1,2-Trichloroethane	47		"	50.0		94.8	83-123				
1,1-Dichloroethane	60		"	50.0		121	75-130				
1,1-Dichloroethylene	56		"	50.0		113	64-137				
1,2,3-Trichlorobenzene	42		"	50.0		84.9	81-140				
1,2,3-Trichloropropane	46		"	50.0		92.2	81-126				
1,2,4-Trichlorobenzene	45		"	50.0		89.1	80-141				
1,2,4-Trimethylbenzene	46		"	50.0		92.4	84-125				
1,2-Dibromo-3-chloropropane	39		"	50.0		77.0	74-142				
1,2-Dibromoethane	47		"	50.0		93.2	86-123				
1,2-Dichlorobenzene	44		"	50.0		88.5	85-122				
1,2-Dichloroethane	59		"	50.0		118	71-133				
1,2-Dichloropropane	47		"	50.0		94.6	81-122				
1,3,5-Trimethylbenzene	45		"	50.0		90.7	82-126				
1,3-Dichlorobenzene	45		"	50.0		89.2	84-124				
1,4-Dichlorobenzene	44		"	50.0		88.9	84-124				
1,4-Dioxane	990		"	1050		94.0	10-228				
2-Butanone	54		"	50.0		109	58-147				
2-Hexanone	45		"	50.0		89.6	70-139				
4-Methyl-2-pentanone	44		"	50.0		88.5	72-132				
Acetone	45		"	50.0		90.0	36-155				
Acrolein	12		"	50.0		24.8	10-238				
Acrylonitrile	75		"	50.0		149	66-141	High Bias			
Benzene	63		"	50.0		126	77-127				
Bromochloromethane	63		"	50.0		126	74-129				
Bromodichloromethane	47		"	50.0		93.6	81-124				
Bromoform	47		"	50.0		94.9	80-136				
Bromomethane	56		"	50.0		111	32-177				
Carbon disulfide	60		"	50.0		119	10-136				
Carbon tetrachloride	61		"	50.0		122	66-143				
Chlorobenzene	49		"	50.0		99.0	86-120				
Chloroethane	59		"	50.0		117	51-142				
Chloroform	61		"	50.0		123	76-131				
Chloromethane	45		"	50.0		90.0	49-132				
cis-1,2-Dichloroethylene	60		"	50.0		119	74-132				
cis-1,3-Dichloropropylene	46		"	50.0		91.3	81-129				
Cyclohexane	60		"	50.0		120	70-130				
Dibromochloromethane	50		"	50.0		100	10-200				
Dibromomethane	47		"	50.0		93.4	83-124				
Dichlorodifluoromethane	37		"	50.0		73.7	28-158				
Ethyl Benzene	50		"	50.0		100	84-125				
Hexachlorobutadiene	43		"	50.0		85.6	83-133				
Isopropylbenzene	45		"	50.0		90.0	81-127				
Methyl acetate	55		"	50.0		110	41-143				
Methyl tert-butyl ether (MTBE)	58		"	50.0		116	74-131				
Methylcyclohexane	45		"	50.0		90.1	70-130				
Methylene chloride	60		"	50.0		119	57-141				
n-Butylbenzene	46		"	50.0		91.7	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS (BH41577-BS1) LCS							Prepared & Analyzed: 08/22/2024				
n-Propylbenzene	44		ug/L	50.0		88.6	74-136				
o-Xylene	48		"	50.0		95.5	83-123				
p- & m- Xylenes	96		"	100		95.6	82-128				
p-Isopropyltoluene	46		"	50.0		92.4	85-125				
sec-Butylbenzene	45		"	50.0		89.8	83-125				
Styrene	52		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	170		"	250		70.0	70-130				
tert-Butylbenzene	44		"	50.0		87.7	80-127				
Tetrachloroethylene	46		"	50.0		92.3	80-129				
Toluene	47		"	50.0		95.0	85-121				
trans-1,2-Dichloroethylene	62		"	50.0		123	72-132				
trans-1,3-Dichloropropylene	45		"	50.0		89.2	78-132				
trans-1,4-dichloro-2-butene	44		"	50.0		88.8	75-135				
Trichloroethylene	49		"	50.0		97.6	84-123				
Trichlorofluoromethane	56		"	50.0		112	62-140				
Vinyl Chloride	51		"	50.0		102	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*42.8*		*"*	*50.0*		*85.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.1*	*76-130*				
LCS Dup (BH41577-BSD1) LCS Dup							Prepared & Analyzed: 08/22/2024				
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129		3.11	30	
1,1,1-Trichloroethane	61		"	50.0		121	71-137		0.497	30	
1,1,2,2-Tetrachloroethane	43		"	50.0		85.8	79-129		1.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63		"	50.0		126	58-146		6.36	30	
1,1,2-Trichloroethane	50		"	50.0		100	83-123		5.58	30	
1,1-Dichloroethane	61		"	50.0		122	75-130		0.693	30	
1,1-Dichloroethylene	57		"	50.0		115	64-137		1.53	30	
1,2,3-Trichlorobenzene	42		"	50.0		83.2	81-140		2.07	30	
1,2,3-Trichloropropane	43		"	50.0		85.0	81-126		8.12	30	
1,2,4-Trichlorobenzene	45		"	50.0		89.6	80-141		0.537	30	
1,2,4-Trimethylbenzene	46		"	50.0		93.0	84-125		0.561	30	
1,2-Dibromo-3-chloropropane	41		"	50.0		81.9	74-142		6.14	30	
1,2-Dibromoethane	51		"	50.0		102	86-123		9.14	30	
1,2-Dichlorobenzene	44		"	50.0		88.2	85-122		0.317	30	
1,2-Dichloroethane	62		"	50.0		124	71-133		4.54	30	
1,2-Dichloropropane	47		"	50.0		94.0	81-122		0.636	30	
1,3,5-Trimethylbenzene	46		"	50.0		91.0	82-126		0.374	30	
1,3-Dichlorobenzene	46		"	50.0		91.3	84-124		2.26	30	
1,4-Dichlorobenzene	46		"	50.0		91.3	84-124		2.66	30	
1,4-Dioxane	970		"	1050		92.8	10-228		1.22	30	
2-Butanone	57		"	50.0		114	58-147		4.72	30	
2-Hexanone	47		"	50.0		94.2	70-139		4.96	30	
4-Methyl-2-pentanone	48		"	50.0		96.6	72-132		8.73	30	
Acetone	48		"	50.0		95.1	36-155		5.47	30	
Acrolein	15		"	50.0		30.9	10-238		21.9	30	
Acrylonitrile	70		"	50.0		140	66-141		6.51	30	
Benzene	63		"	50.0		126	77-127		0.540	30	
Bromochloromethane	61		"	50.0		121	74-129		4.20	30	
Bromodichloromethane	49		"	50.0		98.7	81-124		5.39	30	
Bromoform	50		"	50.0		100	80-136		5.38	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41577 - EPA 5035A											
LCS Dup (BH41577-BSD1) LCS Dup								Prepared & Analyzed: 08/22/2024			
Bromomethane	55		ug/L	50.0		110	32-177		1.30	30	
Carbon disulfide	62		"	50.0		123	10-136		3.13	30	
Carbon tetrachloride	63		"	50.0		126	66-143		2.94	30	
Chlorobenzene	50		"	50.0		100	86-120		1.30	30	
Chloroethane	54		"	50.0		109	51-142		7.48	30	
Chloroform	62		"	50.0		124	76-131		0.682	30	
Chloromethane	45		"	50.0		90.9	49-132		0.995	30	
cis-1,2-Dichloroethylene	57		"	50.0		114	74-132		4.92	30	
cis-1,3-Dichloropropylene	48		"	50.0		96.1	81-129		5.17	30	
Cyclohexane	61		"	50.0		122	70-130		1.35	30	
Dibromochloromethane	51		"	50.0		102	10-200		1.72	30	
Dibromomethane	49		"	50.0		98.8	83-124		5.66	30	
Dichlorodifluoromethane	35		"	50.0		70.5	28-158		4.35	30	
Ethyl Benzene	52		"	50.0		103	84-125		3.02	30	
Hexachlorobutadiene	44		"	50.0		87.7	83-133		2.42	30	
Isopropylbenzene	45		"	50.0		89.9	81-127		0.0890	30	
Methyl acetate	53		"	50.0		106	41-143		3.26	30	
Methyl tert-butyl ether (MTBE)	60		"	50.0		119	74-131		2.79	30	
Methylcyclohexane	48		"	50.0		95.6	70-130		5.86	30	
Methylene chloride	61		"	50.0		122	57-141		2.54	30	
n-Butylbenzene	47		"	50.0		93.4	80-130		1.88	30	
n-Propylbenzene	46		"	50.0		91.4	74-136		3.18	30	
o-Xylene	50		"	50.0		100	83-123		4.58	30	
p- & m- Xylenes	100		"	100		99.7	82-128		4.20	30	
p-Isopropyltoluene	46		"	50.0		92.7	85-125		0.259	30	
sec-Butylbenzene	44		"	50.0		88.8	83-125		1.05	30	
Styrene	55		"	50.0		109	86-126		5.16	30	
tert-Butyl alcohol (TBA)	190		"	250		74.7	70-130		6.55	30	
tert-Butylbenzene	44		"	50.0		88.7	80-127		1.11	30	
Tetrachloroethylene	47		"	50.0		94.5	80-129		2.40	30	
Toluene	49		"	50.0		98.6	85-121		3.76	30	
trans-1,2-Dichloroethylene	60		"	50.0		120	72-132		2.91	30	
trans-1,3-Dichloropropylene	48		"	50.0		95.9	78-132		7.24	30	
trans-1,4-dichloro-2-butene	44		"	50.0		88.0	75-135		0.882	30	
Trichloroethylene	51		"	50.0		102	84-123		4.70	30	
Trichlorofluoromethane	57		"	50.0		115	62-140		2.13	30	
Vinyl Chloride	50		"	50.0		99.7	52-130		1.87	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*43.8*		*"*	*50.0*		*87.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.2*		*"*	*50.0*		*94.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
Blank (BH41690-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
Blank (BH41690-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*ug/L*	*50.0*		*98.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				
LCS (BH41690-BS1) LCS								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		89.6	75-129				
1,1,1-Trichloroethane	43		"	50.0		85.8	71-137				
1,1,2,2-Tetrachloroethane	42		"	50.0		83.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		86.6	58-146				
1,1,2-Trichloroethane	44		"	50.0		88.6	83-123				
1,1-Dichloroethane	43		"	50.0		85.7	75-130				
1,1-Dichloroethylene	40		"	50.0		79.8	64-137				
1,2,3-Trichlorobenzene	43		"	50.0		85.3	81-140				
1,2,3-Trichloropropane	42		"	50.0		85.0	81-126				
1,2,4-Trichlorobenzene	44		"	50.0		87.7	80-141				
1,2,4-Trimethylbenzene	45		"	50.0		90.6	84-125				
1,2-Dibromo-3-chloropropane	37		"	50.0		75.0	74-142				
1,2-Dibromoethane	43		"	50.0		86.4	86-123				
1,2-Dichlorobenzene	44		"	50.0		88.0	85-122				
1,2-Dichloroethane	42		"	50.0		84.1	71-133				
1,2-Dichloropropane	41		"	50.0		82.6	81-122				
1,3,5-Trimethylbenzene	44		"	50.0		88.5	82-126				
1,3-Dichlorobenzene	45		"	50.0		89.2	84-124				
1,4-Dichlorobenzene	45		"	50.0		89.6	84-124				
1,4-Dioxane	840		"	1050		80.4	10-228				
2-Butanone	41		"	50.0		82.6	58-147				
2-Hexanone	38		"	50.0		76.8	70-139				
4-Methyl-2-pentanone	40		"	50.0		79.5	72-132				
Acetone	35		"	50.0		70.5	36-155				
Acrolein	5.3		"	50.0		10.7	10-238				
Acrylonitrile	50		"	50.0		99.2	66-141				
Benzene	44		"	50.0		88.1	77-127				
Bromochloromethane	44		"	50.0		88.2	74-129				
Bromodichloromethane	43		"	50.0		86.5	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS (BH41690-BS1) LCS							Prepared & Analyzed: 08/23/2024				
Bromoform	42		ug/L	50.0		84.4	80-136				
Bromomethane	38		"	50.0		75.7	32-177				
Carbon disulfide	42		"	50.0		84.6	10-136				
Carbon tetrachloride	45		"	50.0		89.2	66-143				
Chlorobenzene	44		"	50.0		87.2	86-120				
Chloroethane	37		"	50.0		74.6	51-142				
Chloroform	44		"	50.0		88.1	76-131				
Chloromethane	29		"	50.0		58.0	49-132				
cis-1,2-Dichloroethylene	40		"	50.0		79.9	74-132				
cis-1,3-Dichloropropylene	42		"	50.0		84.7	81-129				
Cyclohexane	42		"	50.0		83.2	70-130				
Dibromochloromethane	44		"	50.0		88.0	10-200				
Dibromomethane	44		"	50.0		87.1	83-124				
Dichlorodifluoromethane	20		"	50.0		40.4	28-158				
Ethyl Benzene	45		"	50.0		90.4	84-125				
Hexachlorobutadiene	42		"	50.0		84.7	83-133				
Isopropylbenzene	45		"	50.0		90.2	81-127				
Methyl acetate	39		"	50.0		77.1	41-143				
Methyl tert-butyl ether (MTBE)	41		"	50.0		81.1	74-131				
Methylcyclohexane	40		"	50.0		79.1	70-130				
Methylene chloride	43		"	50.0		85.1	57-141				
n-Butylbenzene	47		"	50.0		93.3	80-130				
n-Propylbenzene	44		"	50.0		89.0	74-136				
o-Xylene	43		"	50.0		86.5	83-123				
p- & m- Xylenes	86		"	100		85.7	82-128				
p-Isopropyltoluene	47		"	50.0		93.2	85-125				
sec-Butylbenzene	44		"	50.0		88.1	83-125				
Styrene	47		"	50.0		93.3	86-126				
tert-Butyl alcohol (TBA)	120		"	250		46.6	70-130	Low Bias			
tert-Butylbenzene	44		"	50.0		88.8	80-127				
Tetrachloroethylene	43		"	50.0		85.5	80-129				
Toluene	43		"	50.0		86.6	85-121				
trans-1,2-Dichloroethylene	42		"	50.0		83.8	72-132				
trans-1,3-Dichloropropylene	42		"	50.0		84.3	78-132				
trans-1,4-dichloro-2-butene	43		"	50.0		85.2	75-135				
Trichloroethylene	46		"	50.0		92.0	84-123				
Trichlorofluoromethane	38		"	50.0		76.1	62-140				
Vinyl Chloride	33		"	50.0		66.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS Dup (BH41690-BSD1) LCS Dup							Prepared & Analyzed: 08/23/2024				
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		90.6	75-129		1.07	30	
1,1,1-Trichloroethane	40		"	50.0		80.3	71-137		6.60	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.0	79-129		16.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		"	50.0		82.3	58-146		5.02	30	
1,1,2-Trichloroethane	46		"	50.0		91.2	83-123		2.94	30	
1,1-Dichloroethane	39		"	50.0		78.7	75-130		8.49	30	
1,1-Dichloroethylene	37		"	50.0		74.6	64-137		6.71	30	
1,2,3-Trichlorobenzene	48		"	50.0		96.8	81-140		12.6	30	
1,2,3-Trichloropropane	50		"	50.0		100	81-126		16.3	30	
1,2,4-Trichlorobenzene	49		"	50.0		98.1	80-141		11.2	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		11.9	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		94.2	74-142		22.7	30	
1,2-Dibromoethane	45		"	50.0		89.5	86-123		3.53	30	
1,2-Dichlorobenzene	48		"	50.0		96.2	85-122		8.95	30	
1,2-Dichloroethane	42		"	50.0		83.1	71-133		1.17	30	
1,2-Dichloropropane	45		"	50.0		89.6	81-122		8.17	30	
1,3,5-Trimethylbenzene	50		"	50.0		99.9	82-126		12.1	30	
1,3-Dichlorobenzene	49		"	50.0		98.6	84-124		9.99	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		11.9	30	
1,4-Dioxane	1000		"	1050		98.9	10-228		20.6	30	
2-Butanone	47		"	50.0		94.0	58-147		13.0	30	
2-Hexanone	44		"	50.0		88.4	70-139		14.0	30	
4-Methyl-2-pentanone	46		"	50.0		91.8	72-132		14.3	30	
Acetone	37		"	50.0		74.0	36-155		4.90	30	
Acrolein	7.4		"	50.0		14.8	10-238		32.6	30	Non-dir.
Acrylonitrile	52		"	50.0		105	66-141		5.53	30	
Benzene	42		"	50.0		84.4	77-127		4.27	30	
Bromochloromethane	44		"	50.0		88.4	74-129		0.204	30	
Bromodichloromethane	46		"	50.0		91.5	81-124		5.62	30	
Bromoform	46		"	50.0		91.2	80-136		7.72	30	
Bromomethane	38		"	50.0		75.6	32-177		0.212	30	
Carbon disulfide	40		"	50.0		79.2	10-136		6.52	30	
Carbon tetrachloride	43		"	50.0		85.7	66-143		4.03	30	
Chlorobenzene	45		"	50.0		90.0	86-120		3.18	30	
Chloroethane	37		"	50.0		74.2	51-142		0.565	30	
Chloroform	42		"	50.0		83.9	76-131		4.86	30	
Chloromethane	26		"	50.0		52.7	49-132		9.50	30	
cis-1,2-Dichloroethylene	44		"	50.0		88.9	74-132		10.7	30	
cis-1,3-Dichloropropylene	43		"	50.0		85.6	81-129		0.963	30	
Cyclohexane	38		"	50.0		76.7	70-130		8.11	30	
Dibromochloromethane	47		"	50.0		93.8	10-200		6.42	30	
Dibromomethane	45		"	50.0		90.3	83-124		3.63	30	
Dichlorodifluoromethane	18		"	50.0		36.9	28-158		8.96	30	
Ethyl Benzene	48		"	50.0		96.4	84-125		6.43	30	
Hexachlorobutadiene	47		"	50.0		93.3	83-133		9.64	30	
Isopropylbenzene	50		"	50.0		99.9	81-127		10.2	30	
Methyl acetate	37		"	50.0		75.0	41-143		2.76	30	
Methyl tert-butyl ether (MTBE)	38		"	50.0		76.7	74-131		5.65	30	
Methylcyclohexane	41		"	50.0		82.1	70-130		3.77	30	
Methylene chloride	39		"	50.0		78.5	57-141		8.12	30	
n-Butylbenzene	51		"	50.0		102	80-130		9.15	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS Dup (BH41690-BSD1) LCS Dup									Prepared & Analyzed: 08/23/2024		
n-Propylbenzene	49		ug/L	50.0		97.4	74-136		9.03	30	
o-Xylene	46		"	50.0		91.3	83-123		5.31	30	
p- & m- Xylenes	90		"	100		90.2	82-128		5.16	30	
p-Isopropyltoluene	51		"	50.0		102	85-125		8.48	30	
sec-Butylbenzene	49		"	50.0		98.6	83-125		11.2	30	
Styrene	50		"	50.0		99.2	86-126		6.09	30	
tert-Butyl alcohol (TBA)	120		"	250		48.5	70-130	Low Bias	4.00	30	
tert-Butylbenzene	49		"	50.0		98.0	80-127		9.92	30	
Tetrachloroethylene	42		"	50.0		83.8	80-129		2.08	30	
Toluene	45		"	50.0		90.6	85-121		4.51	30	
trans-1,2-Dichloroethylene	38		"	50.0		75.8	72-132		10.1	30	
trans-1,3-Dichloropropylene	44		"	50.0		87.6	78-132		3.82	30	
trans-1,4-dichloro-2-butene	47		"	50.0		94.9	75-135		10.8	30	
Trichloroethylene	46		"	50.0		91.9	84-123		0.152	30	
Trichlorofluoromethane	36		"	50.0		71.6	62-140		6.07	30	
Vinyl Chloride	31		"	50.0		61.1	52-130		8.62	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.7*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.6*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41462 - EPA 3550C											
Blank (BH41462-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41462 - EPA 3550C											
Blank (BH41462-BLK1) Blank								Prepared & Analyzed: 08/22/2024			
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.58*		"	*1.66*		*95.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.48*		"	*1.66*		*88.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.769*		"	*0.831*		*92.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.861*		"	*0.831*		*104*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.01*		"	*1.66*		*121*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.850*		"	*0.831*		*102*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41462 - EPA 3550C											
LCS (BH41462-BS1) LCS							Prepared & Analyzed: 08/22/2024				
1,1-Biphenyl	0.938	0.0416	mg/kg wet	0.831		113	18-111	High Bias			
1,2,4,5-Tetrachlorobenzene	0.930	0.0830	"	0.831		112	21-131				
1,2,4-Trichlorobenzene	0.950	0.0416	"	0.831		114	10-140				
1,2-Dichlorobenzene	0.856	0.0416	"	0.831		103	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.800	0.0416	"	0.831		96.3	17-137				
1,3-Dichlorobenzene	0.862	0.0416	"	0.831		104	33-110				
1,4-Dichlorobenzene	0.862	0.0416	"	0.831		104	32-104				
2,3,4,6-Tetrachlorophenol	1.09	0.0830	"	0.831		132	30-130	High Bias			
2,4,5-Trichlorophenol	1.04	0.0416	"	0.831		126	27-118	High Bias			
2,4,6-Trichlorophenol	1.07	0.0416	"	0.831		128	31-120	High Bias			
2,4-Dichlorophenol	1.00	0.0416	"	0.831		121	20-127				
2,4-Dimethylphenol	0.836	0.0416	"	0.831		101	14-132				
2,4-Dinitrophenol	0.678	0.0830	"	0.831		81.7	10-171				
2,4-Dinitrotoluene	1.09	0.0416	"	0.831		132	34-131	High Bias			
2,6-Dinitrotoluene	1.10	0.0416	"	0.831		133	31-128	High Bias			
2-Chloronaphthalene	0.915	0.0416	"	0.831		110	31-117				
2-Chlorophenol	0.899	0.0416	"	0.831		108	33-113				
2-Methylnaphthalene	0.949	0.0416	"	0.831		114	12-138				
2-Methylphenol	0.905	0.0416	"	0.831		109	10-136				
2-Nitroaniline	1.01	0.0830	"	0.831		122	27-132				
2-Nitrophenol	0.966	0.0416	"	0.831		116	17-129				
3- & 4-Methylphenols	0.800	0.0416	"	0.831		96.3	29-103				
3,3-Dichlorobenzidine	1.19	0.0416	"	0.831		144	22-149				
3-Nitroaniline	1.14	0.0830	"	0.831		138	20-133	High Bias			
4,6-Dinitro-2-methylphenol	0.766	0.0830	"	0.831		92.2	10-143				
4-Bromophenyl phenyl ether	1.02	0.0416	"	0.831		123	29-120	High Bias			
4-Chloro-3-methylphenol	1.00	0.0416	"	0.831		121	24-129				
4-Chloroaniline	0.850	0.0416	"	0.831		102	10-132				
4-Chlorophenyl phenyl ether	1.06	0.0416	"	0.831		128	27-124	High Bias			
4-Nitroaniline	0.992	0.0830	"	0.831		119	16-128				
4-Nitrophenol	0.928	0.0830	"	0.831		112	10-141				
Acenaphthene	0.846	0.0416	"	0.831		102	30-121				
Acenaphthylene	0.910	0.0416	"	0.831		110	30-115				
Acetophenone	0.910	0.0416	"	0.831		110	20-112				
Aniline	0.673	0.166	"	0.831		81.0	10-119				
Anthracene	0.973	0.0416	"	0.831		117	34-118				
Atrazine	1.05	0.0416	"	0.831		126	26-112	High Bias			
Benzaldehyde	0.693	0.0416	"	0.831		83.5	21-100				
Benzo(a)anthracene	0.951	0.0416	"	0.831		115	32-122				
Benzo(a)pyrene	0.972	0.0416	"	0.831		117	29-133				
Benzo(b)fluoranthene	0.962	0.0416	"	0.831		116	25-133				
Benzo(g,h,i)perylene	1.01	0.0416	"	0.831		121	10-143				
Benzo(k)fluoranthene	0.906	0.0416	"	0.831		109	25-128				
Benzoic acid	0.895	0.0416	"	0.831		108	10-140				
Benzyl alcohol	0.876	0.0416	"	0.831		105	30-115				
Benzyl butyl phthalate	0.965	0.0416	"	0.831		116	26-126				
Bis(2-chloroethoxy)methane	0.860	0.0416	"	0.831		104	19-132				
Bis(2-chloroethyl)ether	0.811	0.0416	"	0.831		97.6	19-125				
Bis(2-chloroisopropyl)ether	0.698	0.0416	"	0.831		84.0	20-135				
Bis(2-ethylhexyl)phthalate	0.990	0.0416	"	0.831		119	10-155				
Caprolactam	1.15	0.0830	"	0.831		139	10-127	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41462 - EPA 3550C											
LCS (BH41462-BS1) LCS							Prepared & Analyzed: 08/22/2024				
Carbazole	0.957	0.0416	mg/kg wet	0.831		115	35-123				
Chrysene	0.899	0.0416	"	0.831		108	32-123				
Dibenzo(a,h)anthracene	1.09	0.0416	"	0.831		131	10-136				
Dibenzofuran	0.973	0.0416	"	0.831		117	29-121				
Diethyl phthalate	0.985	0.0416	"	0.831		119	34-116	High Bias			
Dimethyl phthalate	0.982	0.0416	"	0.831		118	35-124				
Di-n-butyl phthalate	1.03	0.0416	"	0.831		124	31-116	High Bias			
Di-n-octyl phthalate	1.12	0.0416	"	0.831		135	26-136				
Diphenylamine	1.11	0.0830	"	0.831		134	40-140				
Fluoranthene	1.03	0.0416	"	0.831		125	33-122	High Bias			
Fluorene	0.979	0.0416	"	0.831		118	29-123				
Hexachlorobenzene	0.936	0.0416	"	0.831		113	21-124				
Hexachlorobutadiene	0.983	0.0416	"	0.831		118	10-149				
Hexachlorocyclopentadiene	0.514	0.0416	"	0.831		61.9	10-129				
Hexachloroethane	0.824	0.0416	"	0.831		99.2	28-108				
Indeno(1,2,3-cd)pyrene	1.21	0.0416	"	0.831		146	10-135	High Bias			
Isophorone	0.846	0.0416	"	0.831		102	20-132				
Naphthalene	0.904	0.0416	"	0.831		109	23-124				
Nitrobenzene	0.854	0.0416	"	0.831		103	13-132				
N-Nitrosodimethylamine	0.871	0.0416	"	0.831		105	11-129				
N-nitroso-di-n-propylamine	0.818	0.0416	"	0.831		98.4	24-119				
N-Nitrosodiphenylamine	1.08	0.0416	"	0.831		130	22-152				
Pentachlorophenol	1.08	0.0416	"	0.831		130	10-139				
Phenanthrene	0.983	0.0416	"	0.831		118	33-123				
Phenol	0.871	0.0416	"	0.831		105	23-115				
Pyrene	0.893	0.0416	"	0.831		107	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.75*		"	*1.66*		*105*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.63*		"	*1.66*		*98.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.848*		"	*0.831*		*102*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.927*		"	*0.831*		*112*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.24*		"	*1.66*		*135*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.928*		"	*0.831*		*112*	*24-116*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41757 - EPA 3550C											
Blank (BH41757-BLK1) Blank								Prepared & Analyzed: 08/27/2024			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*292*		*"*	*495*		*59.0*	*39-127.5*				
LCS (BH41757-BS1) LCS								Prepared & Analyzed: 08/27/2024			
1,4-Dioxane	486	19.8	ug/kg	495		98.2	40-130				
Surrogate: 1,4-Dioxane-d8	*321*		*"*	*495*		*64.8*	*39-127.5*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
Blank (BH41437-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/23/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.750	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.757	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.789	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.351	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.740	"								
HFPO-DA (Gen-X)	ND	0.789	"								
11CL-PF3OUdS	0.493	0.746	"								
9CL-PF3ONS	ND	0.738	"								
ADONA	ND	0.746	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.986	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.93	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.93	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.73*		"	*2.30*		*119*	*25-150*				
Surrogate: M5PFHxA	*2.62*		"	*2.47*		*106*	*25-150*				
Surrogate: M4PFHpA	*3.07*		"	*2.47*		*125*	*25-150*				
Surrogate: M3PFHxS	*2.17*		"	*2.34*		*92.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.50*		"	*2.47*		*101*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.23*		*99.6*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.23*		*95.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.02*		"	*1.23*		*83.0*	*25-150*				
Surrogate: M2PFTeDA	*0.725*		"	*1.23*		*58.8*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
Blank (BH41437-BLK1) Blank								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.78*		*ug/kg wet*	*9.86*		*99.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.32*		*"*	*2.36*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.23*		*"*	*4.93*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.67*		*"*	*2.47*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.83*		*"*	*4.93*		*77.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.05*		*"*	*4.93*		*82.2*	*25-150*				
Surrogate: M2-6:2 FTS	*5.61*		*"*	*4.69*		*120*	*25-200*				
Surrogate: M2-8:2 FTS	*5.87*		*"*	*4.73*		*124*	*25-200*				
Surrogate: M9PFNA	*1.15*		*"*	*1.23*		*92.9*	*25-150*				
Surrogate: M2-4:2 FTS	*6.97*		*"*	*4.63*		*151*	*25-150*				
Surrogate: d-N-MeFOSA	*3.48*		*"*	*2.47*		*141*	*25-150*				
Surrogate: d-N-EtFOSA	*2.55*		*"*	*2.47*		*103*	*25-150*				
Surrogate: M3HFPO-DA	*14.3*		*"*	*9.86*		*145*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.4*		*"*	*24.7*		*74.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.1*		*"*	*24.7*		*81.5*	*25-150*				
LCS (BH41437-BS1) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	3.20	0.175	ug/kg wet	3.50		91.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.81	0.198	"	3.95		96.5	50-150				
Perfluoroheptanoic acid (PFHpA)	3.47	0.198	"	3.95		87.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.55	0.181	"	3.62		98.1	50-150				
Perfluorooctanoic acid (PFOA)	4.00	0.198	"	3.95		101	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.32	0.184	"	3.68		90.3	50-150				
Perfluorononanoic acid (PFNA)	3.90	0.198	"	3.95		98.5	50-150				
Perfluorodecanoic acid (PFDA)	4.31	0.198	"	3.95		109	50-150				
Perfluoroundecanoic acid (PFUnA)	4.29	0.198	"	3.95		109	50-150				
Perfluorododecanoic acid (PFDoA)	3.76	0.198	"	3.95		95.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.74	0.198	"	3.95		120	50-150				
Perfluorotetradecanoic acid (PFTA)	4.11	0.198	"	3.95		104	50-150				
N-MeFOSAA	3.51	0.198	"	3.95		88.9	50-150				
N-EtFOSAA	3.84	0.198	"	3.95		97.1	50-150				
Perfluoropentanoic acid (PFPeA)	7.87	0.395	"	7.91		99.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.68	0.198	"	3.95		93.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.14	0.198	"	3.77		83.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.92	0.191	"	3.81		76.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.0	0.751	"	15.0		107	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.0	0.759	"	15.2		85.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.9	0.791	"	15.8		101	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.03	0.352	"	7.04		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.31	0.395	"	7.91		105	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.85	0.395	"	7.91		99.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.17	0.395	"	7.91		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.80	0.186	"	3.72		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.3	0.741	"	14.8		96.2	50-150				
HFPO-DA (Gen-X)	6.25	0.791	"	7.91		79.0	50-150				
11CL-PF3OUdS	3.49	0.747	"	7.47		46.7	50-150	Low Bias			
9CL-PF3ONS	4.37	0.739	"	7.39		59.1	50-150				
ADONA	4.78	0.747	"	7.47		64.0	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS1) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.79	0.192	ug/kg wet	3.83		46.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.56	0.190	"	3.79		93.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	25.9	0.988	"	15.8		164	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	103	4.94	"	79.1		130	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	87.8	4.94	"	79.1		111	50-150				
N-MeFOSE	39.8	1.98	"	39.5		101	50-150				
N-MeFOSA	3.43	0.198	"	3.95		86.7	50-150				
N-EtFOSE	38.0	1.98	"	39.5		96.2	50-150				
N-EtFOSA	4.70	0.198	"	3.95		119	50-150				
Surrogate: M3PFBS	*2.84*		"	*2.30*		*123*	*25-150*				
Surrogate: M5PFHxA	*2.33*		"	*2.47*		*94.3*	*25-150*				
Surrogate: M4PFHpA	*2.71*		"	*2.47*		*110*	*25-150*				
Surrogate: M3PFHxS	*2.61*		"	*2.34*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.37*		"	*2.47*		*96.0*	*25-150*				
Surrogate: M6PFDA	*1.12*		"	*1.24*		*90.3*	*25-150*				
Surrogate: M7PFUdA	*1.05*		"	*1.24*		*84.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.874*		"	*1.24*		*70.7*	*25-150*				
Surrogate: M2PFTeDA	*0.700*		"	*1.24*		*56.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.47*		"	*9.88*		*95.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.23*		"	*2.37*		*94.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.60*		"	*4.94*		*93.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.37*		"	*2.47*		*95.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.50*		"	*4.94*		*70.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.63*		"	*4.94*		*73.4*	*25-150*				
Surrogate: M2-6:2 FTS	*7.37*		"	*4.70*		*157*	*25-200*				
Surrogate: M2-8:2 FTS	*7.24*		"	*4.74*		*153*	*25-200*				
Surrogate: M9PFNA	*1.21*		"	*1.24*		*97.6*	*25-150*				
Surrogate: M2-4:2 FTS	*8.74*		"	*4.63*		*189*	*25-150*				
Surrogate: d-N-MeFOSA	*2.93*		"	*2.47*		*119*	*25-150*				
Surrogate: d-N-EtFOSA	*2.44*		"	*2.47*		*98.8*	*25-150*				
Surrogate: M3HFPO-DA	*13.1*		"	*9.88*		*132*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.3*		"	*24.7*		*70.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.1*		"	*24.7*		*77.4*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS2) LCS								Prepared: 08/21/2024 Analyzed: 08/23/2024			
Perfluorobutanesulfonic acid (PFBS)	0.618	0.177	ug/kg wet	0.708		87.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.680	0.200	"	0.800		85.0	50-150				
Perfluoroheptanoic acid (PFHpA)	0.642	0.200	"	0.800		80.3	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.703	0.183	"	0.732		96.0	50-150				
Perfluorooctanoic acid (PFOA)	0.735	0.200	"	0.800		91.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.616	0.186	"	0.744		82.8	50-150				
Perfluorononanoic acid (PFNA)	0.751	0.200	"	0.800		93.8	50-150				
Perfluorodecanoic acid (PFDA)	0.853	0.200	"	0.800		107	50-150				
Perfluoroundecanoic acid (PFUnA)	0.832	0.200	"	0.800		104	50-150				
Perfluorododecanoic acid (PFDoA)	0.684	0.200	"	0.800		85.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.793	0.200	"	0.800		99.1	50-150				
Perfluorotetradecanoic acid (PFTA)	0.757	0.200	"	0.800		94.6	50-150				
N-MeFOSAA	0.711	0.200	"	0.800		88.8	50-150				
N-EtFOSAA	0.582	0.200	"	0.800		72.7	50-150				
Perfluoropentanoic acid (PFPeA)	1.42	0.400	"	1.60		88.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.749	0.200	"	0.800		93.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.626	0.200	"	0.764		82.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.575	0.193	"	0.772		74.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.84	0.760	"	3.04		93.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.12	0.768	"	3.07		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.93	0.800	"	3.20		91.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.46	0.356	"	1.42		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.65	0.400	"	1.60		103	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.42	0.400	"	1.60		88.8	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.51	0.400	"	1.60		94.3	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.768	0.188	"	0.752		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.43	0.750	"	3.00		80.9	50-150				
HFPO-DA (Gen-X)	1.54	0.800	"	1.60		96.4	50-150				
11CL-PF3OUdS	1.06	0.756	"	1.51		70.4	50-150				
9CL-PF3ONS	0.789	0.748	"	1.50		52.7	50-150				
ADONA	1.32	0.756	"	1.51		87.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.368	0.194	"	0.776		47.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.739	0.192	"	0.768		96.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	4.72	1.00	"	3.20		147	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	18.9	5.00	"	16.0		118	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	16.1	5.00	"	16.0		101	50-150				
N-MeFOSE	7.42	2.00	"	8.00		92.8	50-150				
N-MeFOSA	0.757	0.200	"	0.800		94.6	50-150				
N-EtFOSE	7.37	2.00	"	8.00		92.1	50-150				
N-EtFOSA	0.683	0.200	"	0.800		85.4	50-150				
Surrogate: M3PFBS	*3.48*		"	*2.33*		*149*	*25-150*				
Surrogate: M5PFHxA	*3.02*		"	*2.50*		*121*	*25-150*				
Surrogate: M4PFHpA	*3.41*		"	*2.50*		*137*	*25-150*				
Surrogate: M3PFHxS	*2.94*		"	*2.37*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.86*		"	*2.50*		*114*	*25-150*				
Surrogate: M6PFDA	*1.24*		"	*1.25*		*99.1*	*25-150*				
Surrogate: M7PFUdA	*1.23*		"	*1.25*		*98.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.997*		"	*1.25*		*79.8*	*25-150*				
Surrogate: M2PFTeDA	*0.859*		"	*1.25*		*68.7*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41437 - EPA 1633 Prep											
LCS (BH41437-BS2) LCS									Prepared: 08/21/2024 Analyzed: 08/23/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*ug/kg wet*	*10.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.60*		*"*	*2.40*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.87*		*"*	*5.00*		*117*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.01*		*"*	*2.50*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.70*		*"*	*5.00*		*94.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.19*		*"*	*5.00*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*8.52*		*"*	*4.76*		*179*	*25-200*				
Surrogate: M2-8:2 FTS	*7.32*		*"*	*4.80*		*153*	*25-200*				
Surrogate: M9PFNA	*1.40*		*"*	*1.25*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*9.08*		*"*	*4.69*		*194*	*25-150*				
Surrogate: d-N-MeFOSA	*3.65*		*"*	*2.50*		*146*	*25-150*				
Surrogate: d-N-EtFOSA	*2.93*		*"*	*2.50*		*117*	*25-150*				
Surrogate: M3HFPO-DA	*16.8*		*"*	*10.0*		*168*	*25-150*				
Surrogate: d9-N-EtFOSE	*23.7*		*"*	*25.0*		*95.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*25.5*		*"*	*25.0*		*102*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41459 - EPA 3550C											
Blank (BH41459-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0664*		*74.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0680*		*"*	*0.0664*		*102*	*30-150*				
LCS (BH41459-BS1) LCS									Prepared & Analyzed: 08/22/2024		
4,4'-DDD	0.0289	0.00164	mg/kg wet	0.0332		86.9	40-140				
4,4'-DDE	0.0261	0.00164	"	0.0332		78.7	40-140				
4,4'-DDT	0.0272	0.00164	"	0.0332		81.9	40-140				
Aldrin	0.0276	0.00164	"	0.0332		83.0	40-140				
alpha-BHC	0.0321	0.00164	"	0.0332		96.6	40-140				
alpha-Chlordane	0.0260	0.00164	"	0.0332		78.2	40-140				
beta-BHC	0.0303	0.00164	"	0.0332		91.2	40-140				
delta-BHC	0.0290	0.00164	"	0.0332		87.3	40-140				
Dieldrin	0.0271	0.00164	"	0.0332		81.6	40-140				
Endosulfan I	0.0273	0.00164	"	0.0332		82.3	40-140				
Endosulfan II	0.0291	0.00164	"	0.0332		87.5	40-140				
Endosulfan sulfate	0.0249	0.00164	"	0.0332		74.9	40-140				
Endrin [2C]	0.0271	0.00164	"	0.0332		81.5	40-140				
Endrin aldehyde	0.0278	0.00164	"	0.0332		83.8	40-140				
Endrin ketone	0.0250	0.00164	"	0.0332		75.1	40-140				
gamma-BHC (Lindane)	0.0277	0.00164	"	0.0332		83.5	40-140				
gamma-Chlordane	0.0265	0.00164	"	0.0332		79.9	40-140				
Heptachlor	0.0274	0.00164	"	0.0332		82.4	40-140				
Heptachlor epoxide	0.0279	0.00164	"	0.0332		83.8	40-140				
Methoxychlor	0.0251	0.00164	"	0.0332		75.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0439*		*"*	*0.0664*		*66.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0654*		*"*	*0.0664*		*98.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41861 - EPA 3550C											
Blank (BH41861-BLK1) Blank									Prepared & Analyzed: 08/28/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0440*		*"*	*0.0664*		*66.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0513*		*"*	*0.0664*		*77.2*	*30-150*				
LCS (BH41861-BS1) LCS									Prepared & Analyzed: 08/28/2024		
4,4'-DDD	0.0192	0.00164	mg/kg wet	0.0332		57.8	40-140				
4,4'-DDE	0.0193	0.00164	"	0.0332		58.1	40-140				
4,4'-DDT	0.0197	0.00164	"	0.0332		59.3	40-140				
Aldrin	0.0206	0.00164	"	0.0332		61.9	40-140				
alpha-BHC	0.0216	0.00164	"	0.0332		64.9	40-140				
alpha-Chlordane	0.0220	0.00164	"	0.0332		66.1	40-140				
beta-BHC	0.0234	0.00164	"	0.0332		70.5	40-140				
delta-BHC	0.0206	0.00164	"	0.0332		62.0	40-140				
Dieldrin	0.0214	0.00164	"	0.0332		64.4	40-140				
Endosulfan I	0.0248	0.00164	"	0.0332		74.6	40-140				
Endosulfan II	0.0237	0.00164	"	0.0332		71.4	40-140				
Endosulfan sulfate	0.0220	0.00164	"	0.0332		66.2	40-140				
Endrin	0.0223	0.00164	"	0.0332		67.1	40-140				
Endrin aldehyde	0.0229	0.00164	"	0.0332		68.9	40-140				
Endrin ketone	0.0223	0.00164	"	0.0332		67.2	40-140				
gamma-BHC (Lindane)	0.0217	0.00164	"	0.0332		65.4	40-140				
gamma-Chlordane	0.0220	0.00164	"	0.0332		66.3	40-140				
Heptachlor	0.0236	0.00164	"	0.0332		71.1	40-140				
Heptachlor epoxide	0.0228	0.00164	"	0.0332		68.5	40-140				
Methoxychlor	0.0198	0.00164	"	0.0332		59.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0384*		*"*	*0.0664*		*57.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0470*		*"*	*0.0664*		*70.8*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41403 - EPA 3550C											
Blank (BH41403-BLK1) Blank								Prepared & Analyzed: 08/21/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0631*		*"*	*0.0664*		*95.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0362*		*"*	*0.0664*		*54.5*	*30-140*				
LCS (BH41403-BS1) LCS								Prepared & Analyzed: 08/21/2024			
Aroclor 1016	0.266	0.0166	mg/kg wet	0.332		80.0	40-130				
Aroclor 1260	0.257	0.0166	"	0.332		77.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0535*		*"*	*0.0664*		*80.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0362*		*"*	*0.0664*		*54.5*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41358 - EPA 3550C/8151A											
Blank (BH41358-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/22/2024		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.327*		*"*	*0.417*		*78.4*	*21-150*				
LCS (BH41358-BS1) LCS									Prepared: 08/21/2024 Analyzed: 08/22/2024		
2,4,5-T	0.0750	0.0200	mg/kg wet	0.0667		112	10-120				
2,4,5-TP (Silvex)	0.0775	0.0200	"	0.0667		116	10-120				
2,4-D	0.0883	0.0200	"	0.0667		132	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.403*		*"*	*0.417*		*96.8*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41413 - EPA 3050B											
Blank (BH41413-BLK1) Blank									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	0.067	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	10.0	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41413-SRM1) Reference									Prepared: 08/21/2024 Analyzed: 08/22/2024		
Aluminum	5680	4.17	mg/kg wet	7680		74.0	46.7-129.9				
Antimony	74.9	2.08	"	257		29.1	1-100				
Arsenic	294	1.25	"	360		81.7	70.6-102.2				
Barium	297	2.08	"	332		89.6	75-108.1				
Beryllium	162	0.042	"	183		88.7	76.5-108.2				
Cadmium	196	0.250	"	238		82.4	73.5-105				
Calcium	4800	4.17	"	5490		87.4	77.2-110.9				
Chromium	174	0.417	"	199		87.2	73.4-107				
Cobalt	81.3	0.333	"	88.7		91.6	76.6-107.6				
Copper	212	1.67	"	227		93.6	74.9-105.7				
Iron	6000	20.8	"	7360		81.5	51.1-125.8				
Lead	87.5	0.417	"	100		87.5	75.9-110				
Magnesium	1560	4.17	"	1900		81.9	67.4-111.1				
Manganese	497	0.417	"	591		84.1	72.6-107.1				
Nickel	308	0.830	"	342		90.1	75.4-107.6				
Potassium	1170	4.17	"	1500		78.1	66.1-116.7				
Selenium	154	2.08	"	170		90.5	78.2-115.9				
Silver	76.8	0.420	"	88.6		86.7	73.9-112				
Sodium	534	41.7	"	527		101	68.5-115.9				
Thallium	190	2.08	"	226		84.0	73.5-108.4				
Vanadium	101	0.830	"	118		85.5	68.1-106.8				
Zinc	163	2.08	"	183		89.2	72.7-109.3				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41475 - EPA 7473 soil											
Blank (BH41475-BLK1) Blank									Prepared & Analyzed: 08/22/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41475-SRM1) Reference									Prepared & Analyzed: 08/22/2024		
Mercury	19.245		mg/kg	18.2		106	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41640 - Analysis Preparation Soil												
Blank (BH41640-BLK1)	Blank								Prepared & Analyzed: 08/26/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BH41640-DUP1)	Duplicate	*Source sample: 24H1317-03 (PE15_16)							Prepared & Analyzed: 08/26/2024			
Cyanide, total		ND	0.552	mg/kg dry		ND					15	
Matrix Spike (BH41640-MS1)	Matrix Spike	*Source sample: 24H1317-03 (PE15_16)							Prepared & Analyzed: 08/26/2024			
Cyanide, total		4.96	0.552	mg/kg dry	5.52	ND	90.0	79.6-107				
Matrix Spike Dup (BH41640-I	Matrix Spike Dup	*Source sample: 24H1317-03 (PE15_16)							Prepared & Analyzed: 08/26/2024			
Cyanide, total		4.85	0.552	mg/kg dry	5.52	ND	88.0	79.6-107		2.25	200	
Reference (BH41640-SRM1)	Reference								Prepared & Analyzed: 08/26/2024			
Cyanide, total		50.3		ug/mL	59.7		84.2	38.5-161.4				
Batch BH41707 - EPA SW846-3060												
Blank (BH41707-BLK1)	Blank								Prepared: 08/26/2024 Analyzed: 08/27/2024			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BH41707-DUP1)	Duplicate	*Source sample: 24H1317-03 (PE15_16)							Prepared: 08/26/2024 Analyzed: 08/27/2024			
Chromium, Hexavalent		ND	0.552	mg/kg dry		ND					35	
Matrix Spike (BH41707-MS1)	Matrix Spike	*Source sample: 24H1317-03 (PE15_16)							Prepared: 08/26/2024 Analyzed: 08/27/2024			
Chromium, Hexavalent		13.1	0.552	mg/kg dry	22.1	ND	59.2	75-125	Low Bias			
Matrix Spike Dup (BH41707-I	Matrix Spike Dup	*Source sample: 24H1317-03 (PE15_16)							Prepared: 08/26/2024 Analyzed: 08/27/2024			
Chromium, Hexavalent		12.4	0.552	mg/kg dry	22.1	ND	56.0	75-125	Low Bias	5.56	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41707 - EPA SW846-3060											
Reference (BH41707-SRM1) Reference										Prepared: 08/26/2024 Analyzed: 08/27/2024	
Chromium, Hexavalent	238		mg/L	227		105	42.3-157.7				
Batch BH41875 - EPA SW846-3060											
Blank (BH41875-BLK1) Blank										Prepared & Analyzed: 08/28/2024	
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH41875-SRM1) Reference										Prepared & Analyzed: 08/28/2024	
Chromium, Hexavalent	242		mg/L	227		107	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1317-01	PE13_15	40mL Vial with Stir Bar-Cool 4° C
24H1317-02	PE14_15	40mL Vial with Stir Bar-Cool 4° C
24H1317-03	PE15_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-04	PE11_15	40mL Vial with Stir Bar-Cool 4° C
24H1317-05	PE22_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-06	PE23_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-07	PE30_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-08	PE31_16	40mL Vial with Stir Bar-Cool 4° C
24H1317-09	TB_08202024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PCB-Tot	It is noted that other PCB species were detected in the sample other than those reported and may include PCB 1262 and PCB 1268.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: Per client request, the following sample IDs were updated to remove the dash after PE in the ID nomenclature.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24H1317

Page 1 of 1

Report To:
Company: LANGAN
Address: 300 Kimball Dr Parsippany NJ 07054
Phone.: 973 560 4900
Contact: Lauren Kofft
E-mail: LKofft@langan.com

Invoice To:
Company:
Address: Same
Phone.:
Contact:
E-mail:

YOUR Project Name / Number: 12096 Flatlands Avenue 100688801

PO Number:

Samples Collected From: NY X, NJ, CT, PA, Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

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

K. Godfrey
Kyle S. Godfrey
Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pesticides/Herbicides	Cyanide	TAL Metals	CrVI/Cr3	PFAS	1,4-dioxane				Grab or Comp.
PE-13_15	8/20	8:10	Soil	3									1	X	X	X	X	X	X	X	X				G
PE-14_15		8:20		3									1	X	X	X	X	X	X	X	X				G
PE-15_16		12:30		3									1	X	X	X	X	X	X	X	X				G
PE-11_15		8:00		3									1	X	X	X	X	X	X	X	X				G
PE-22_16		12:15		3									1	X	X	X	X	X	X	X	X				G
PE-23_16		8:40		3									1	X	X	X	X	X	X	X	X				G
PE-30_16		8:50		3									1	X	X	X	X	X	X	X	X				G
PE-31_16		8:30		3									1	X	X	X	X	X	X	X	X				G
TB-08202024		X	LIQ		2									X											G

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments:

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

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
K. Godfrey LANGAN	8/20 15:00				8/20/24 15:45
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	8/20/24 15:45		8/20/24 1900	Ramon Duran	8/20/24 1800
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
Ramon Duran	8/20/24 20:50				8/20/24 20:50 4.4 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1562

Revision No. **1.0**

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1562

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 22, 2024 and listed below. The project was identified as your project: **100688801**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1562-01	DUP-1_08222024	Soil	08/22/2024	08/22/2024
24H1562-02	TB_08222024	Water	08/22/2024	08/22/2024
24H1562-03	PE21_15	Soil	08/22/2024	08/22/2024
24H1562-04	PE29_15	Soil	08/22/2024	08/22/2024
24H1562-05	PE38_16	Soil	08/22/2024	08/22/2024
24H1562-06	PE39_16	Soil	08/22/2024	08/22/2024

General Notes for York Project (SDG) No.: 24H1562

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

Approved By **Date:** 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.033	0.065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0018**	J	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.011**		mg/kg dry	0.0033	0.0065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0033	0.0065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0018**	CCVE, J	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0016	0.0033	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.226	0.452	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.226	0.452	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0623**	J	mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.113	0.226	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:28	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*83.7 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*77.0 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*92.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*109 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.6 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 12:43	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*65.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.152	0.242	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0726	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.144	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.245	0.251	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.236	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.229	0.255	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.259	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.262	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.271	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.223	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.171	0.274	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 15:49	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.141	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.203	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.266	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.149	0.548	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.200	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.212	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.262	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.815	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.03	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.149	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.190	0.488	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.264	0.548	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0849	0.548	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.132	0.548	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.215	0.258	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.815	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.833	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.426	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.337	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.238	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.232	0.266	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.170	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 15:49	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.869	1.37	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.87	6.85	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.05	6.85	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.837	2.74	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.247	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.955	2.74	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.271	0.274	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 15:49	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*97.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*153 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*105 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*118 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*109 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*86.8 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.6 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*119 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*216 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*304 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*105 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*154 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*65.8 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*51.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*73.7 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*71.2 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.8 %*		*25-150*

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0450	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.225	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:33	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0227	1	EPA 8082A	08/24/2024 07:42	08/27/2024 00:19	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0273	1	EPA 8151A	08/27/2024 08:23	08/27/2024 19:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0273	1	EPA 8151A	08/27/2024 08:23	08/27/2024 19:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0273	1	EPA 8151A	08/27/2024 08:23	08/27/2024 19:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*70.2 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14200**		mg/kg dry	5.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.86	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.88**		mg/kg dry	1.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**18.6**		mg/kg dry	2.86	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.286**		mg/kg dry	0.058	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.343	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1050**		mg/kg dry	5.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.8**		mg/kg dry	0.572	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.28**		mg/kg dry	0.457	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**5.22**		mg/kg dry	2.29	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**5190**		mg/kg dry	28.6	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**696**		mg/kg dry	0.572	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1730**		mg/kg dry	5.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**40.8**		mg/kg dry	0.572	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.3**		mg/kg dry	1.14	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**911**		mg/kg dry	5.72	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.577	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**342**		mg/kg dry	57.2	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.2**		mg/kg dry	1.14	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**25.5**		mg/kg dry	2.85	1	EPA 6010D	08/26/2024 14:36	08/27/2024 13:04	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0412	1	EPA 7473	08/26/2024 13:52	08/27/2024 14:14	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.686	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**15.8**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.686	1	EPA 9014/9010C	08/26/2024 14:40	08/26/2024 18:50	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: DUP-1_08222024 **York Sample ID:** 24H1562-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:00 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**72.9**		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: TB_08222024 **York Sample ID:** 24H1562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Water	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	40	40	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08222024 **York Sample ID:** 24H1562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Water	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_08222024 **York Sample ID:** 24H1562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Water	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08222024 **York Sample ID:** 24H1562-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Water	August 22, 2024 10:00 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/23/2024 08:00	08/23/2024 13:51	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.7 %*	*79-122*

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0068**	J	mg/kg dry	0.0043	0.0087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0043	0.0087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	08/23/2024 11:30	08/23/2024 17:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*113 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.224	0.448	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.224	0.448	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.143**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.128**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.164**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0822**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.135**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.112	0.223	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.309**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.100**	J	mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.158**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.242**		mg/kg dry	0.0560	0.112	2	EPA 8270E	08/27/2024 12:11	08/28/2024 09:58	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*68.1 %*	*23-114*

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*84.9 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*103 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.7 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 13:00	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.148	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0707	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.140	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.239	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.230	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.223	0.248	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.252	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.255	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.264	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.218	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.167	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.137	0.267	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:05	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.198	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.259	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.145	0.534	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.195	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.207	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.255	0.258	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.794	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.01	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.145	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.186	0.475	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.258	0.534	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0827	0.534	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.128	0.534	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.210	0.251	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.794	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.811	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.415	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.328	0.998	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.232	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.226	0.259	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.165	0.256	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:05	ESJ

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.846	1.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.80	6.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.00	6.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.815	2.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.240	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.930	2.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.264	0.267	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:05	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*131 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*150 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*107 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*116 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*107 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*91.9 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*132 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*95.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*95.2 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*119 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*140 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*199 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*297 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*109 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*204 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*61.3 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*47.5 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*75.8 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.7 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.1 %*		*25-150*

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0441	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.220	5	EPA 8081B	08/23/2024 14:02	08/24/2024 02:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0223	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:10	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0267	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0267	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0267	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*62.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7260**		mg/kg dry	5.66	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.83	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.00**		mg/kg dry	1.70	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**222**		mg/kg dry	2.83	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.317**		mg/kg dry	0.057	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.623**		mg/kg dry	0.340	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3750**		mg/kg dry	5.66	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.8**		mg/kg dry	0.567	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.60**		mg/kg dry	0.452	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**42.9**		mg/kg dry	2.26	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13100**		mg/kg dry	28.3	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**289**		mg/kg dry	0.567	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1620**		mg/kg dry	5.67	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**145**		mg/kg dry	0.567	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.0**		mg/kg dry	1.13	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**656**		mg/kg dry	5.67	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.571	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**393**		mg/kg dry	56.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.6**		mg/kg dry	1.13	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**230**		mg/kg dry	2.82	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.807**		mg/kg dry	0.0408	1	EPA 7473	08/23/2024 14:38	08/24/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.679	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.8**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.679	1	EPA 9014/9010C	08/26/2024 14:40	08/26/2024 18:50	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE21_15 **York Sample ID:** 24H1562-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.6**		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE29_15** **York Sample ID:** **24H1562-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.12	0.24	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.026**		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.14**		mg/kg dry	0.012	0.024	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.012	0.024	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.018	0.037	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*114 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.579	1.16	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.579	1.16	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	**Benzo(a)anthracene**	**0.180**	J	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.289	0.577	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:			
206-44-0	**Fluoranthene**	**0.430**		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.277**	J	mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.330**		mg/kg dry	0.145	0.289	2	EPA 8270E	08/27/2024 12:11	08/28/2024 10:29	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.4 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.7 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.9 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 13:18	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*77.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.388	0.619	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.185	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.367	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.626	0.640	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.602	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.584	0.651	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.661	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.668	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.693	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.570	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.437	0.700	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:21	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.360	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.518	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.679	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.381	1.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.511	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.542	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.668	0.675	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	2.08	2.66	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	2.64	2.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.381	2.80	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.486	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.675	1.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.217	1.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.336	1.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.549	0.658	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	2.08	2.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	2.13	2.80	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	1.09	2.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.860	2.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.609	2.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.591	0.679	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.434	0.672	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:21	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	2.22	3.50	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	7.34	17.5	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.25	17.5	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.14	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.630	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.44	7.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.693	0.700	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:21	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*142 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*103 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*153 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*134 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*122 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*103 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*46.3 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*148 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*99.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.3 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*110 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*134 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*178 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*260 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*126 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*217 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*72.4 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.0 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*76.1 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*82.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*78.8 %*		*25-150*

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.114	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.570	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:02	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0575	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:24	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0700	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0700	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0700	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*47.0 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6110**		mg/kg dry	14.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	7.32	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	4.39	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**23.0**		mg/kg dry	7.30	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.322**		mg/kg dry	0.147	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.878	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9890**		mg/kg dry	14.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.6**		mg/kg dry	1.46	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.11**		mg/kg dry	1.17	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**18.8**		mg/kg dry	5.85	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11300**		mg/kg dry	73.2	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**15.9**		mg/kg dry	1.46	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5160**		mg/kg dry	14.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**492**		mg/kg dry	1.46	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**7.76**		mg/kg dry	2.91	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1340**		mg/kg dry	14.6	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	7.32	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	1.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**842**		mg/kg dry	146	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	7.32	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.3**		mg/kg dry	2.91	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**14.5**		mg/kg dry	7.29	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:20	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.117**		mg/kg dry	0.105	1	EPA 7473	08/23/2024 14:38	08/24/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	1.76	1	EPA 7196A	08/28/2024 10:24	08/28/2024 17:43	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.6**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.76	1	EPA 9014/9010C	08/27/2024 07:42	08/27/2024 15:42	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE29_15 **York Sample ID:** 24H1562-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:30 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**28.5**		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.094	0.19	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.024**		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.11**		mg/kg dry	0.0094	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0094	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.014	0.028	1	EPA 8260D	08/23/2024 11:30	08/23/2024 18:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*109 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.360	0.720	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.360	0.720	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.180	0.359	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:00	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*83.6 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*77.5 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.1 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*96.5 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*121 %*	S-08		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*96.4 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	08/27/2024 08:25	08/28/2024 13:35	SS
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.240	0.382	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.114	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.227	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.386	0.395	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.371	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.361	0.402	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.408	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.412	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.427	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.352	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.270	0.432	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 16:37	ESJ
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.222	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.320	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.419	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.235	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.315	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.335	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.412	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.28	1.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.63	1.66	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.235	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.300	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.417	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.134	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.207	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.339	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.28	1.62	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.31	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.671	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.531	1.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.376	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.365	0.419	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.268	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:37	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	1.37	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	4.53	10.8	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	3.24	10.8	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.32	4.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.389	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.50	4.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.427	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:37	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*94.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*133 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*98.3 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.4 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*100 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*84.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*38.5 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*85.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*86.6 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*190 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*267 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*90.5 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*195 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*58.6 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*49.8 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*57.6 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*68.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.0 %*		*25-150*

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0709	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.355	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:19	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0358	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:38	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0434	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0434	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0434	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*97.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**20900**		mg/kg dry	9.10	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	4.55	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**10.9**		mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**324**		mg/kg dry	4.54	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.674**		mg/kg dry	0.092	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.637**		mg/kg dry	0.546	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**6770**		mg/kg dry	9.10	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**37.0**		mg/kg dry	0.911	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**10.3**		mg/kg dry	0.728	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**50.0**		mg/kg dry	3.64	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**31100**		mg/kg dry	45.5	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**145**		mg/kg dry	0.911	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2920**		mg/kg dry	9.11	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**189**		mg/kg dry	0.911	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**29.7**		mg/kg dry	1.81	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1160**		mg/kg dry	9.11	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	4.55	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.918	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**506**		mg/kg dry	91.0	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	4.55	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**44.9**		mg/kg dry	1.81	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**578**		mg/kg dry	4.53	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.563**		mg/kg dry	0.0655	1	EPA 7473	08/23/2024 14:38	08/24/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	1.09	1	EPA 7196A	08/28/2024 14:45	08/28/2024 18:57	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**37.0**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.09	1	EPA 9014/9010C	08/27/2024 07:42	08/27/2024 15:42	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE38_16 **York Sample ID:** 24H1562-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 10:20 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	45.8		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **PE39_16** **York Sample ID:** **24H1562-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.031	0.061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0015**	J	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.013**		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0026**	CCVE, J	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0015	0.0031	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260D	08/23/2024 11:30	08/23/2024 19:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*112 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.215	0.431	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.215	0.431	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.108	0.215	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0539	0.108	2	EPA 8270E	08/27/2024 12:11	08/28/2024 11:30	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*82.7 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*77.6 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*91.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*104 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.4 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NELAC-NY10854	08/27/2024 08:25	08/28/2024 13:53	SS

Surrogate Recoveries		Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*61.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.145	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0692	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.137	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.234	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.225	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.218	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.247	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.250	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.213	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.163	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.135	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.193	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.253	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.142	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.191	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.203	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.250	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.777	0.993	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.986	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.142	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.182	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.252	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0810	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.125	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.205	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.777	0.980	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.794	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.406	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.321	0.977	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.227	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.221	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.162	0.251	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 16:53	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.828	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.74	6.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.96	6.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.798	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.235	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.911	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 16:53	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*132 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*161 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*125 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*123 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*112 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*90.6 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*142 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*127 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*145 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*221 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*327 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*122 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*168 %*	PFSu-H	*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*80.0 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*62.0 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*82.6 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*74.5 %*		*25-150*

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0426	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.213	5	EPA 8081B	08/23/2024 14:02	08/24/2024 03:36	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0215	1	EPA 8082A	08/23/2024 14:02	08/26/2024 13:51	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.5 %*	*30-140*

Herbicides, Target List

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0261	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0261	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0261	1	EPA 8151A	08/27/2024 08:23	08/27/2024 20:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*75.6 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13300**		mg/kg dry	5.46	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.98**		mg/kg dry	1.64	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**16.0**		mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.230**		mg/kg dry	0.055	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.328	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**759**		mg/kg dry	5.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.7**		mg/kg dry	0.547	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.37**		mg/kg dry	0.437	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**4.63**		mg/kg dry	2.19	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**5660**		mg/kg dry	27.3	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**12.1**		mg/kg dry	0.547	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1640**		mg/kg dry	5.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**39.7**		mg/kg dry	0.547	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**11.0**		mg/kg dry	1.09	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**800**		mg/kg dry	5.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.551	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**179**		mg/kg dry	54.7	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.73	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.6**		mg/kg dry	1.09	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**30.4**		mg/kg dry	2.72	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:22	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0394	1	EPA 7473	08/23/2024 14:38	08/24/2024 16:29	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.656	1	EPA 7196A	08/28/2024 14:45	08/28/2024 18:57	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.7**		mg/kg	0.500	1	Calculation	08/28/2024 16:25	08/28/2024 18:56	ZTS
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.656	1	EPA 9014/9010C	08/27/2024 07:42	08/27/2024 15:42	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE39_16 **York Sample ID:** 24H1562-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1562	100688801	Soil	August 22, 2024 9:50 am	08/22/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.2		%	0.100	1	SM 2540G	08/23/2024 11:33	08/23/2024 15:43	HLY
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BH41474 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-02	TB_08222024	08/23/24
BH41474-BLK1	Blank	08/23/24
BH41474-BS1	LCS	08/23/24
BH41474-BSD1	LCS Dup	08/23/24

Batch ID: BH41572 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/23/24
24H1562-03	PE21_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-06	PE39_16	08/23/24
BH41572-DUP1	Duplicate	08/23/24

Batch ID: BH41587 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-03	PE21_15	08/23/24
24H1562-03	PE21_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-06	PE39_16	08/23/24
24H1562-06	PE39_16	08/23/24
BH41587-BLK1	Blank	08/23/24
BH41587-BLK2	Blank	08/23/24
BH41587-BS1	LCS	08/23/24
BH41587-BS2	LCS	08/23/24

Batch ID: BH41593 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-03	PE21_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-06	PE39_16	08/23/24
BH41593-BLK1	Blank	08/23/24
BH41593-SRM1	Reference	08/23/24

Batch ID: BH41614 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/24/24
24H1562-01	DUP-1_08222024	08/24/24
BH41614-BLK1	Blank	08/24/24
BH41614-BLK2	Blank	08/24/24
BH41614-BS1	LCS	08/24/24
BH41614-BS2	LCS	08/24/24

Batch ID: BH41618 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-03	PE21_15	08/24/24
24H1562-04	PE29_15	08/24/24
24H1562-05	PE38_16	08/24/24
24H1562-06	PE39_16	08/24/24
BH41618-BLK1	Blank	08/24/24
BH41618-SRM1	Reference	08/24/24

Batch ID: BH41690 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/23/24
24H1562-03	PE21_15	08/23/24
24H1562-04	PE29_15	08/23/24
24H1562-05	PE38_16	08/23/24
24H1562-06	PE39_16	08/23/24
BH41690-BLK1	Blank	08/23/24
BH41690-BS1	LCS	08/23/24
BH41690-BSD1	LCS Dup	08/23/24

Batch ID: BH41697 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/26/24
BH41697-BLK1	Blank	08/26/24
BH41697-SRM1	Reference	08/26/24

Batch ID: BH41703 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/26/24
BH41703-BLK1	Blank	08/26/24
BH41703-SRM1	Reference	08/26/24

Batch ID: BH41705 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date

24H1562-01	DUP-1_08222024	08/26/24
24H1562-03	PE21_15	08/26/24
BH41705-BLK1	Blank	08/26/24
BH41705-SRM1	Reference	08/26/24

Batch ID: BH41748 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41748-BLK1	Blank	08/27/24
BH41748-SRM1	Reference	08/27/24

Batch ID: BH41755 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/27/24
24H1562-03	PE21_15	08/27/24
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41755-BLK1	Blank	08/27/24
BH41755-BS1	LCS	08/27/24

Batch ID: BH41757 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/27/24
24H1562-03	PE21_15	08/27/24
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41757-BLK1	Blank	08/27/24
BH41757-BS1	LCS	08/27/24

Batch ID: BH41764 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/27/24
24H1562-03	PE21_15	08/27/24
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41764-BLK1	Blank	08/27/24
BH41764-BS1	LCS	08/27/24
BH41764-BS2	LCS	08/27/24

Batch ID: BH41781 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/27/24
24H1562-03	PE21_15	08/27/24
24H1562-04	PE29_15	08/27/24
24H1562-05	PE38_16	08/27/24
24H1562-06	PE39_16	08/27/24
BH41781-BLK1	Blank	08/27/24
BH41781-BS1	LCS	08/27/24

Batch ID: BH41875 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/28/24
24H1562-03	PE21_15	08/28/24
24H1562-04	PE29_15	08/28/24
BH41875-BLK1	Blank	08/28/24
BH41875-SRM1	Reference	08/28/24

Batch ID: BH41900 **Preparation Method:** EPA SW846-3060 **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-05	PE38_16	08/28/24
24H1562-06	PE39_16	08/28/24
BH41900-BLK1	Blank	08/28/24
BH41900-SRM1	Reference	08/28/24

Batch ID: BH41920 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1562-01	DUP-1_08222024	08/28/24
24H1562-03	PE21_15	08/28/24
24H1562-04	PE29_15	08/28/24
24H1562-05	PE38_16	08/28/24
24H1562-06	PE39_16	08/28/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
Blank (BH41474-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
Blank (BH41474-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.71*		*"*	*10.0*		*97.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*79-122*				
LCS (BH41474-BS1) LCS								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	10		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		115	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		106	54-165				
1,1,2-Trichloroethane	11		"	10.0		108	82-123				
1,1-Dichloroethane	10		"	10.0		102	82-129				
1,1-Dichloroethylene	11		"	10.0		114	68-138				
1,2,3-Trichlorobenzene	13		"	10.0		125	40-130				
1,2,3-Trichloropropane	9.8		"	10.0		97.6	77-128				
1,2,4-Trichlorobenzene	12		"	10.0		120	65-137				
1,2,4-Trimethylbenzene	10		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		102	45-147				
1,2-Dibromoethane	11		"	10.0		112	83-124				
1,2-Dichlorobenzene	11		"	10.0		106	79-123				
1,2-Dichloroethane	11		"	10.0		113	73-132				
1,2-Dichloropropane	10		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	10		"	10.0		101	80-131				
1,3-Dichlorobenzene	10		"	10.0		102	86-130				
1,4-Dichlorobenzene	10		"	10.0		100	85-130				
1,4-Dioxane	200		"	210		95.7	10-349				
2-Butanone	7.7		"	10.0		77.0	49-152				
2-Hexanone	10		"	10.0		99.5	51-146				
4-Methyl-2-pentanone	10		"	10.0		104	57-145				
Acetone	25		"	10.0		250	14-150	High Bias			
Acrolein	0.65		"	10.0		6.50	10-153	Low Bias			
Acrylonitrile	11		"	10.0		109	51-150				
Benzene	11		"	10.0		107	85-126				
Bromochloromethane	11		"	10.0		108	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
LCS (BH41474-BS1) LCS							Prepared & Analyzed: 08/23/2024				
Bromodichloromethane	10		ug/L	10.0		104	79-128				
Bromoform	10		"	10.0		100	78-133				
Bromomethane	6.3		"	10.0		63.2	43-168				
Carbon disulfide	12		"	10.0		117	68-146				
Carbon tetrachloride	11		"	10.0		108	77-141				
Chlorobenzene	10		"	10.0		102	88-120				
Chloroethane	10		"	10.0		99.5	65-136				
Chloroform	10		"	10.0		103	82-128				
Chloromethane	8.2		"	10.0		82.1	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		103	80-131				
Cyclohexane	10		"	10.0		104	63-149				
Dibromochloromethane	11		"	10.0		110	80-130				
Dibromomethane	11		"	10.0		106	72-134				
Dichlorodifluoromethane	11		"	10.0		107	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Hexachlorobutadiene	11		"	10.0		109	67-146				
Isopropylbenzene	9.4		"	10.0		94.3	76-140				
Methyl acetate	13		"	10.0		129	51-139				
Methyl tert-butyl ether (MTBE)	12		"	10.0		118	76-135				
Methylcyclohexane	10		"	10.0		102	72-143				
Methylene chloride	9.8		"	10.0		97.9	55-137				
n-Butylbenzene	11		"	10.0		108	79-132				
n-Propylbenzene	9.6		"	10.0		95.9	78-133				
o-Xylene	10		"	10.0		104	78-130				
p- & m- Xylenes	20		"	20.0		102	77-133				
p-Isopropyltoluene	10		"	10.0		103	81-136				
sec-Butylbenzene	10		"	10.0		99.6	79-137				
Styrene	11		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	55		"	50.0		110	25-162				
tert-Butylbenzene	9.6		"	10.0		95.6	77-138				
Tetrachloroethylene	5.6		"	10.0		56.0	82-131	Low Bias			
Toluene	10		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		108	78-131				
trans-1,4-dichloro-2-butene	11		"	10.0		111	63-141				
Trichloroethylene	9.6		"	10.0		96.0	82-128				
Trichlorofluoromethane	11		"	10.0		106	67-139				
Vinyl Chloride	11		"	10.0		105	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.53*		*"*	*10.0*		*95.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.29*		*"*	*10.0*		*92.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
LCS Dup (BH41474-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	9.6		ug/L	10.0		95.6	82-126		8.61	30	
1,1,1-Trichloroethane	9.2		"	10.0		91.9	78-136		12.4	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		109	76-129		5.37	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.1		"	10.0		91.3	54-165		15.4	30	
1,1,2-Trichloroethane	10		"	10.0		101	82-123		6.78	30	
1,1-Dichloroethane	9.0		"	10.0		90.0	82-129		12.0	30	
1,1-Dichloroethylene	9.9		"	10.0		99.4	68-138		13.9	30	
1,2,3-Trichlorobenzene	13		"	10.0		133	40-130	High Bias	5.73	30	
1,2,3-Trichloropropane	9.7		"	10.0		97.3	77-128		0.308	30	
1,2,4-Trichlorobenzene	12		"	10.0		119	65-137		0.419	30	
1,2,4-Trimethylbenzene	9.3		"	10.0		93.4	82-132		9.58	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		104	45-147		2.05	30	
1,2-Dibromoethane	10		"	10.0		104	83-124		7.20	30	
1,2-Dichlorobenzene	10		"	10.0		99.7	79-123		6.22	30	
1,2-Dichloroethane	10		"	10.0		103	73-132		8.97	30	
1,2-Dichloropropane	9.2		"	10.0		91.9	78-126		9.34	30	
1,3,5-Trimethylbenzene	9.1		"	10.0		91.4	80-131		9.58	30	
1,3-Dichlorobenzene	9.4		"	10.0		93.7	86-130		8.87	30	
1,4-Dichlorobenzene	9.3		"	10.0		92.9	85-130		7.36	30	
1,4-Dioxane	98		"	210		46.8	10-349		68.7	30	Non-dir.
2-Butanone	9.5		"	10.0		95.3	49-152		21.2	30	
2-Hexanone	9.7		"	10.0		96.9	51-146		2.65	30	
4-Methyl-2-pentanone	10		"	10.0		101	57-145		3.12	30	
Acetone	25		"	10.0		245	14-150	High Bias	1.94	30	
Acrolein	1.1		"	10.0		10.8	10-153		49.7	30	Non-dir.
Acrylonitrile	9.6		"	10.0		95.6	51-150		13.5	30	
Benzene	9.6		"	10.0		95.8	85-126		10.7	30	
Bromochloromethane	9.9		"	10.0		99.3	77-128		8.39	30	
Bromodichloromethane	9.6		"	10.0		95.5	79-128		8.33	30	
Bromoform	9.7		"	10.0		96.7	78-133		3.85	30	
Bromomethane	6.2		"	10.0		61.8	43-168		2.24	30	
Carbon disulfide	10		"	10.0		102	68-146		14.1	30	
Carbon tetrachloride	9.4		"	10.0		94.2	77-141		13.6	30	
Chlorobenzene	9.2		"	10.0		92.0	88-120		10.2	30	
Chloroethane	8.9		"	10.0		88.6	65-136		11.6	30	
Chloroform	9.4		"	10.0		94.4	82-128		8.52	30	
Chloromethane	7.4		"	10.0		74.2	43-155		10.1	30	
cis-1,2-Dichloroethylene	9.4		"	10.0		93.5	83-129		8.89	30	
cis-1,3-Dichloropropylene	9.4		"	10.0		94.5	80-131		8.41	30	
Cyclohexane	9.2		"	10.0		91.5	63-149		13.0	30	
Dibromochloromethane	10		"	10.0		103	80-130		6.75	30	
Dibromomethane	10		"	10.0		100	72-134		5.54	30	
Dichlorodifluoromethane	9.4		"	10.0		94.3	44-144		12.6	30	
Ethyl Benzene	9.2		"	10.0		91.6	80-131		10.5	30	
Hexachlorobutadiene	9.9		"	10.0		99.0	67-146		9.71	30	
Isopropylbenzene	8.5		"	10.0		85.2	76-140		10.1	30	
Methyl acetate	12		"	10.0		120	51-139		6.82	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		114	76-135		3.70	30	
Methylcyclohexane	9.0		"	10.0		90.0	72-143		12.4	30	
Methylene chloride	8.9		"	10.0		88.7	55-137		9.86	30	
n-Butylbenzene	9.6		"	10.0		96.3	79-132		11.3	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41474 - EPA 5030B											
LCS Dup (BH41474-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	8.6		ug/L	10.0		85.5	78-133		11.5	30	
o-Xylene	9.4		"	10.0		94.4	78-130		9.87	30	
p- & m- Xylenes	18		"	20.0		92.0	77-133		10.1	30	
p-Isopropyltoluene	9.2		"	10.0		92.0	81-136		11.6	30	
sec-Butylbenzene	8.9		"	10.0		88.6	79-137		11.7	30	
Styrene	9.9		"	10.0		99.0	67-132		9.34	30	
tert-Butyl alcohol (TBA)	27		"	50.0		54.2	25-162		67.7	30	Non-dir.
tert-Butylbenzene	8.6		"	10.0		86.1	77-138		10.5	30	
Tetrachloroethylene	5.0		"	10.0		49.8	82-131	Low Bias	11.7	30	
Toluene	9.2		"	10.0		91.6	80-127		10.8	30	
trans-1,2-Dichloroethylene	9.3		"	10.0		92.8	80-132		11.3	30	
trans-1,3-Dichloropropylene	10		"	10.0		102	78-131		6.08	30	
trans-1,4-dichloro-2-butene	10		"	10.0		105	63-141		5.58	30	
Trichloroethylene	8.5		"	10.0		84.9	82-128		12.3	30	
Trichlorofluoromethane	9.1		"	10.0		91.3	67-139		15.4	30	
Vinyl Chloride	9.2		"	10.0		92.5	58-145		12.8	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.47*		*"*	*10.0*		*94.7*	*79-122*				
Batch BH41690 - EPA 5035A											
Blank (BH41690-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
Blank (BH41690-BLK1) Blank									Prepared & Analyzed: 08/23/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*ug/L*	*50.0*		*98.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS (BH41690-BS1) LCS							Prepared & Analyzed: 08/23/2024				
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		89.6	75-129				
1,1,1-Trichloroethane	43		"	50.0		85.8	71-137				
1,1,2,2-Tetrachloroethane	42		"	50.0		83.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		86.6	58-146				
1,1,2-Trichloroethane	44		"	50.0		88.6	83-123				
1,1-Dichloroethane	43		"	50.0		85.7	75-130				
1,1-Dichloroethylene	40		"	50.0		79.8	64-137				
1,2,3-Trichlorobenzene	43		"	50.0		85.3	81-140				
1,2,3-Trichloropropane	42		"	50.0		85.0	81-126				
1,2,4-Trichlorobenzene	44		"	50.0		87.7	80-141				
1,2,4-Trimethylbenzene	45		"	50.0		90.6	84-125				
1,2-Dibromo-3-chloropropane	37		"	50.0		75.0	74-142				
1,2-Dibromoethane	43		"	50.0		86.4	86-123				
1,2-Dichlorobenzene	44		"	50.0		88.0	85-122				
1,2-Dichloroethane	42		"	50.0		84.1	71-133				
1,2-Dichloropropane	41		"	50.0		82.6	81-122				
1,3,5-Trimethylbenzene	44		"	50.0		88.5	82-126				
1,3-Dichlorobenzene	45		"	50.0		89.2	84-124				
1,4-Dichlorobenzene	45		"	50.0		89.6	84-124				
1,4-Dioxane	840		"	1050		80.4	10-228				
2-Butanone	41		"	50.0		82.6	58-147				
2-Hexanone	38		"	50.0		76.8	70-139				
4-Methyl-2-pentanone	40		"	50.0		79.5	72-132				
Acetone	35		"	50.0		70.5	36-155				
Acrolein	5.3		"	50.0		10.7	10-238				
Acrylonitrile	50		"	50.0		99.2	66-141				
Benzene	44		"	50.0		88.1	77-127				
Bromochloromethane	44		"	50.0		88.2	74-129				
Bromodichloromethane	43		"	50.0		86.5	81-124				
Bromoform	42		"	50.0		84.4	80-136				
Bromomethane	38		"	50.0		75.7	32-177				
Carbon disulfide	42		"	50.0		84.6	10-136				
Carbon tetrachloride	45		"	50.0		89.2	66-143				
Chlorobenzene	44		"	50.0		87.2	86-120				
Chloroethane	37		"	50.0		74.6	51-142				
Chloroform	44		"	50.0		88.1	76-131				
Chloromethane	29		"	50.0		58.0	49-132				
cis-1,2-Dichloroethylene	40		"	50.0		79.9	74-132				
cis-1,3-Dichloropropylene	42		"	50.0		84.7	81-129				
Cyclohexane	42		"	50.0		83.2	70-130				
Dibromochloromethane	44		"	50.0		88.0	10-200				
Dibromomethane	44		"	50.0		87.1	83-124				
Dichlorodifluoromethane	20		"	50.0		40.4	28-158				
Ethyl Benzene	45		"	50.0		90.4	84-125				
Hexachlorobutadiene	42		"	50.0		84.7	83-133				
Isopropylbenzene	45		"	50.0		90.2	81-127				
Methyl acetate	39		"	50.0		77.1	41-143				
Methyl tert-butyl ether (MTBE)	41		"	50.0		81.1	74-131				
Methylcyclohexane	40		"	50.0		79.1	70-130				
Methylene chloride	43		"	50.0		85.1	57-141				
n-Butylbenzene	47		"	50.0		93.3	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS (BH41690-BS1) LCS								Prepared & Analyzed: 08/23/2024			
n-Propylbenzene	44		ug/L	50.0		89.0	74-136				
o-Xylene	43		"	50.0		86.5	83-123				
p- & m- Xylenes	86		"	100		85.7	82-128				
p-Isopropyltoluene	47		"	50.0		93.2	85-125				
sec-Butylbenzene	44		"	50.0		88.1	83-125				
Styrene	47		"	50.0		93.3	86-126				
tert-Butyl alcohol (TBA)	120		"	250		46.6	70-130	Low Bias			
tert-Butylbenzene	44		"	50.0		88.8	80-127				
Tetrachloroethylene	43		"	50.0		85.5	80-129				
Toluene	43		"	50.0		86.6	85-121				
trans-1,2-Dichloroethylene	42		"	50.0		83.8	72-132				
trans-1,3-Dichloropropylene	42		"	50.0		84.3	78-132				
trans-1,4-dichloro-2-butene	43		"	50.0		85.2	75-135				
Trichloroethylene	46		"	50.0		92.0	84-123				
Trichlorofluoromethane	38		"	50.0		76.1	62-140				
Vinyl Chloride	33		"	50.0		66.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.3*	*76-130*				
LCS Dup (BH41690-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		90.6	75-129		1.07	30	
1,1,1-Trichloroethane	40		"	50.0		80.3	71-137		6.60	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.0	79-129		16.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		"	50.0		82.3	58-146		5.02	30	
1,1,2-Trichloroethane	46		"	50.0		91.2	83-123		2.94	30	
1,1-Dichloroethane	39		"	50.0		78.7	75-130		8.49	30	
1,1-Dichloroethylene	37		"	50.0		74.6	64-137		6.71	30	
1,2,3-Trichlorobenzene	48		"	50.0		96.8	81-140		12.6	30	
1,2,3-Trichloropropane	50		"	50.0		100	81-126		16.3	30	
1,2,4-Trichlorobenzene	49		"	50.0		98.1	80-141		11.2	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		11.9	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		94.2	74-142		22.7	30	
1,2-Dibromoethane	45		"	50.0		89.5	86-123		3.53	30	
1,2-Dichlorobenzene	48		"	50.0		96.2	85-122		8.95	30	
1,2-Dichloroethane	42		"	50.0		83.1	71-133		1.17	30	
1,2-Dichloropropane	45		"	50.0		89.6	81-122		8.17	30	
1,3,5-Trimethylbenzene	50		"	50.0		99.9	82-126		12.1	30	
1,3-Dichlorobenzene	49		"	50.0		98.6	84-124		9.99	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		11.9	30	
1,4-Dioxane	1000		"	1050		98.9	10-228		20.6	30	
2-Butanone	47		"	50.0		94.0	58-147		13.0	30	
2-Hexanone	44		"	50.0		88.4	70-139		14.0	30	
4-Methyl-2-pentanone	46		"	50.0		91.8	72-132		14.3	30	
Acetone	37		"	50.0		74.0	36-155		4.90	30	
Acrolein	7.4		"	50.0		14.8	10-238		32.6	30	Non-dir.
Acrylonitrile	52		"	50.0		105	66-141		5.53	30	
Benzene	42		"	50.0		84.4	77-127		4.27	30	
Bromochloromethane	44		"	50.0		88.4	74-129		0.204	30	
Bromodichloromethane	46		"	50.0		91.5	81-124		5.62	30	
Bromoform	46		"	50.0		91.2	80-136		7.72	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41690 - EPA 5035A											
LCS Dup (BH41690-BSD1) LCS Dup								Prepared & Analyzed: 08/23/2024			
Bromomethane	38		ug/L	50.0		75.6	32-177		0.212	30	
Carbon disulfide	40		"	50.0		79.2	10-136		6.52	30	
Carbon tetrachloride	43		"	50.0		85.7	66-143		4.03	30	
Chlorobenzene	45		"	50.0		90.0	86-120		3.18	30	
Chloroethane	37		"	50.0		74.2	51-142		0.565	30	
Chloroform	42		"	50.0		83.9	76-131		4.86	30	
Chloromethane	26		"	50.0		52.7	49-132		9.50	30	
cis-1,2-Dichloroethylene	44		"	50.0		88.9	74-132		10.7	30	
cis-1,3-Dichloropropylene	43		"	50.0		85.6	81-129		0.963	30	
Cyclohexane	38		"	50.0		76.7	70-130		8.11	30	
Dibromochloromethane	47		"	50.0		93.8	10-200		6.42	30	
Dibromomethane	45		"	50.0		90.3	83-124		3.63	30	
Dichlorodifluoromethane	18		"	50.0		36.9	28-158		8.96	30	
Ethyl Benzene	48		"	50.0		96.4	84-125		6.43	30	
Hexachlorobutadiene	47		"	50.0		93.3	83-133		9.64	30	
Isopropylbenzene	50		"	50.0		99.9	81-127		10.2	30	
Methyl acetate	37		"	50.0		75.0	41-143		2.76	30	
Methyl tert-butyl ether (MTBE)	38		"	50.0		76.7	74-131		5.65	30	
Methylcyclohexane	41		"	50.0		82.1	70-130		3.77	30	
Methylene chloride	39		"	50.0		78.5	57-141		8.12	30	
n-Butylbenzene	51		"	50.0		102	80-130		9.15	30	
n-Propylbenzene	49		"	50.0		97.4	74-136		9.03	30	
o-Xylene	46		"	50.0		91.3	83-123		5.31	30	
p- & m- Xylenes	90		"	100		90.2	82-128		5.16	30	
p-Isopropyltoluene	51		"	50.0		102	85-125		8.48	30	
sec-Butylbenzene	49		"	50.0		98.6	83-125		11.2	30	
Styrene	50		"	50.0		99.2	86-126		6.09	30	
tert-Butyl alcohol (TBA)	120		"	250		48.5	70-130	Low Bias	4.00	30	
tert-Butylbenzene	49		"	50.0		98.0	80-127		9.92	30	
Tetrachloroethylene	42		"	50.0		83.8	80-129		2.08	30	
Toluene	45		"	50.0		90.6	85-121		4.51	30	
trans-1,2-Dichloroethylene	38		"	50.0		75.8	72-132		10.1	30	
trans-1,3-Dichloropropylene	44		"	50.0		87.6	78-132		3.82	30	
trans-1,4-dichloro-2-butene	47		"	50.0		94.9	75-135		10.8	30	
Trichloroethylene	46		"	50.0		91.9	84-123		0.152	30	
Trichlorofluoromethane	36		"	50.0		71.6	62-140		6.07	30	
Vinyl Chloride	31		"	50.0		61.1	52-130		8.62	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.7*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.6*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41781 - EPA 3550C											
Blank (BH41781-BLK1) Blank									Prepared: 08/27/2024 Analyzed: 08/28/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41781 - EPA 3550C											
Blank (BH41781-BLK1) Blank									Prepared: 08/27/2024 Analyzed: 08/28/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.04*		"	*1.66*		*62.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.905*		"	*1.66*		*54.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.609*		"	*0.831*		*73.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.522*		"	*0.831*		*62.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.964*		"	*1.66*		*58.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.551*		"	*0.831*		*66.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41781 - EPA 3550C											
LCS (BH41781-BS1) LCS									Prepared: 08/27/2024 Analyzed: 08/28/2024		
1,1-Biphenyl	0.488	0.0416	mg/kg wet	0.831		58.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.464	0.0830	"	0.831		55.9	21-131				
1,2,4-Trichlorobenzene	0.477	0.0416	"	0.831		57.4	10-140				
1,2-Dichlorobenzene	0.436	0.0416	"	0.831		52.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.487	0.0416	"	0.831		58.6	17-137				
1,3-Dichlorobenzene	0.457	0.0416	"	0.831		55.1	33-110				
1,4-Dichlorobenzene	0.470	0.0416	"	0.831		56.6	32-104				
2,3,4,6-Tetrachlorophenol	0.562	0.0830	"	0.831		67.7	30-130				
2,4,5-Trichlorophenol	0.529	0.0416	"	0.831		63.7	27-118				
2,4,6-Trichlorophenol	0.493	0.0416	"	0.831		59.3	31-120				
2,4-Dichlorophenol	0.491	0.0416	"	0.831		59.1	20-127				
2,4-Dimethylphenol	0.495	0.0416	"	0.831		59.6	14-132				
2,4-Dinitrophenol	0.319	0.0830	"	0.831		38.4	10-171				
2,4-Dinitrotoluene	0.591	0.0416	"	0.831		71.2	34-131				
2,6-Dinitrotoluene	0.589	0.0416	"	0.831		70.9	31-128				
2-Chloronaphthalene	0.483	0.0416	"	0.831		58.2	31-117				
2-Chlorophenol	0.492	0.0416	"	0.831		59.2	33-113				
2-Methylnaphthalene	0.464	0.0416	"	0.831		55.8	12-138				
2-Methylphenol	0.472	0.0416	"	0.831		56.8	10-136				
2-Nitroaniline	0.594	0.0830	"	0.831		71.5	27-132				
2-Nitrophenol	0.561	0.0416	"	0.831		67.6	17-129				
3- & 4-Methylphenols	0.393	0.0416	"	0.831		47.3	29-103				
3,3-Dichlorobenzidine	0.430	0.0416	"	0.831		51.7	22-149				
3-Nitroaniline	0.494	0.0830	"	0.831		59.5	20-133				
4,6-Dinitro-2-methylphenol	0.424	0.0830	"	0.831		51.1	10-143				
4-Bromophenyl phenyl ether	0.461	0.0416	"	0.831		55.5	29-120				
4-Chloro-3-methylphenol	0.519	0.0416	"	0.831		62.5	24-129				
4-Chloroaniline	0.378	0.0416	"	0.831		45.5	10-132				
4-Chlorophenyl phenyl ether	0.461	0.0416	"	0.831		55.6	27-124				
4-Nitroaniline	0.500	0.0830	"	0.831		60.2	16-128				
4-Nitrophenol	0.466	0.0830	"	0.831		56.1	10-141				
Acenaphthene	0.455	0.0416	"	0.831		54.8	30-121				
Acenaphthylene	0.453	0.0416	"	0.831		54.6	30-115				
Acetophenone	0.463	0.0416	"	0.831		55.7	20-112				
Aniline	0.338	0.166	"	0.831		40.7	10-119				
Anthracene	0.499	0.0416	"	0.831		60.0	34-118				
Atrazine	0.534	0.0416	"	0.831		64.3	26-112				
Benzaldehyde	0.360	0.0416	"	0.831		43.3	21-100				
Benzo(a)anthracene	0.472	0.0416	"	0.831		56.8	32-122				
Benzo(a)pyrene	0.455	0.0416	"	0.831		54.8	29-133				
Benzo(b)fluoranthene	0.478	0.0416	"	0.831		57.5	25-133				
Benzo(g,h,i)perylene	0.502	0.0416	"	0.831		60.4	10-143				
Benzo(k)fluoranthene	0.429	0.0416	"	0.831		51.7	25-128				
Benzoic acid	0.235	0.0416	"	0.831		28.3	10-140				
Benzyl alcohol	0.453	0.0416	"	0.831		54.6	30-115				
Benzyl butyl phthalate	0.528	0.0416	"	0.831		63.6	26-126				
Bis(2-chloroethoxy)methane	0.446	0.0416	"	0.831		53.7	19-132				
Bis(2-chloroethyl)ether	0.437	0.0416	"	0.831		52.6	19-125				
Bis(2-chloroisopropyl)ether	0.407	0.0416	"	0.831		49.0	20-135				
Bis(2-ethylhexyl)phthalate	0.530	0.0416	"	0.831		63.8	10-155				
Caprolactam	0.494	0.0830	"	0.831		59.5	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41781 - EPA 3550C											
LCS (BH41781-BS1) LCS									Prepared: 08/27/2024 Analyzed: 08/28/2024		
Carbazole	0.486	0.0416	mg/kg wet	0.831		58.6	35-123				
Chrysene	0.442	0.0416	"	0.831		53.2	32-123				
Dibenzo(a,h)anthracene	0.504	0.0416	"	0.831		60.7	10-136				
Dibenzofuran	0.475	0.0416	"	0.831		57.2	29-121				
Diethyl phthalate	0.491	0.0416	"	0.831		59.1	34-116				
Dimethyl phthalate	0.486	0.0416	"	0.831		58.5	35-124				
Di-n-butyl phthalate	0.523	0.0416	"	0.831		63.0	31-116				
Di-n-octyl phthalate	0.551	0.0416	"	0.831		66.4	26-136				
Diphenylamine	0.487	0.0830	"	0.831		58.6	40-140				
Fluoranthene	0.479	0.0416	"	0.831		57.7	33-122				
Fluorene	0.472	0.0416	"	0.831		56.8	29-123				
Hexachlorobenzene	0.548	0.0416	"	0.831		66.0	21-124				
Hexachlorobutadiene	0.471	0.0416	"	0.831		56.8	10-149				
Hexachlorocyclopentadiene	0.189	0.0416	"	0.831		22.8	10-129				
Hexachloroethane	0.460	0.0416	"	0.831		55.4	28-108				
Indeno(1,2,3-cd)pyrene	0.651	0.0416	"	0.831		78.4	10-135				
Isophorone	0.488	0.0416	"	0.831		58.8	20-132				
Naphthalene	0.474	0.0416	"	0.831		57.1	23-124				
Nitrobenzene	0.551	0.0416	"	0.831		66.4	13-132				
N-Nitrosodimethylamine	0.461	0.0416	"	0.831		55.6	11-129				
N-nitroso-di-n-propylamine	0.429	0.0416	"	0.831		51.6	24-119				
N-Nitrosodiphenylamine	0.472	0.0416	"	0.831		56.8	22-152				
Pentachlorophenol	0.155	0.0416	"	0.831		18.7	10-139				
Phenanthrene	0.494	0.0416	"	0.831		59.5	33-123				
Phenol	0.481	0.0416	"	0.831		57.9	23-115				
Pyrene	0.490	0.0416	"	0.831		59.0	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.03*		"	*1.66*		*62.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.931*		"	*1.66*		*56.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.625*		"	*0.831*		*75.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.514*		"	*0.831*		*61.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.962*		"	*1.66*		*57.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.540*		"	*0.831*		*65.0*	*24-116*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41757 - EPA 3550C											
Blank (BH41757-BLK1) Blank								Prepared & Analyzed: 08/27/2024			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*292*		*"*	*495*		*59.0*	*39-127.5*				
LCS (BH41757-BS1) LCS								Prepared & Analyzed: 08/27/2024			
1,4-Dioxane	486	19.8	ug/kg	495		98.2	40-130				
Surrogate: 1,4-Dioxane-d8	*321*		*"*	*495*		*64.8*	*39-127.5*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
Blank (BH41764-BLK1) Blank									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.181	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.184	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.395	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.751	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.759	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.791	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.352	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.395	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.395	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.395	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.186	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.741	"								
HFPO-DA (Gen-X)	ND	0.791	"								
11CL-PF3OUdS	ND	0.747	"								
9CL-PF3ONS	ND	0.739	"								
ADONA	ND	0.747	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.988	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.94	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.94	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*3.70*		"	*2.30*		*161*	*25-150*				
Surrogate: M5PFHxA	*2.97*		"	*2.47*		*120*	*25-150*				
Surrogate: M4PFHpA	*4.28*		"	*2.47*		*173*	*25-150*				
Surrogate: M3PFHxS	*3.00*		"	*2.34*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.09*		"	*2.47*		*125*	*25-150*				
Surrogate: M6PFDA	*1.49*		"	*1.24*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.39*		"	*1.24*		*113*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.23*		"	*1.24*		*99.7*	*25-150*				
Surrogate: M2PFTeDA	*1.12*		"	*1.24*		*90.7*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
Blank (BH41764-BLK1) Blank								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.180*		*ug/kg wet*	*9.88*		*1.82*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.62*		*"*	*2.37*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.74*		*"*	*4.94*		*95.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.52*		*"*	*2.47*		*102*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.45*		*"*	*4.94*		*110*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.88*		*"*	*4.94*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*4.83*		*"*	*4.70*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*5.04*		*"*	*4.74*		*106*	*25-200*				
Surrogate: M9PFNA	*1.41*		*"*	*1.24*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*5.79*		*"*	*4.63*		*125*	*25-150*				
Surrogate: d-N-MeFOSA	*1.91*		*"*	*2.47*		*77.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.72*		*"*	*2.47*		*69.5*	*25-150*				
Surrogate: M3HFPO-DA	*9.76*		*"*	*9.88*		*98.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*21.2*		*"*	*24.7*		*85.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.6*		*"*	*24.7*		*83.5*	*25-150*				
LCS (BH41764-BS1) LCS								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Perfluorobutanesulfonic acid (PFBS)	3.48	0.175	ug/kg wet	3.49		99.8	50-150				
Perfluorohexanoic acid (PFHxA)	4.04	0.197	"	3.94		102	50-150				
Perfluoroheptanoic acid (PFHpA)	3.38	0.197	"	3.94		85.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.85	0.180	"	3.61		107	50-150				
Perfluorooctanoic acid (PFOA)	4.11	0.197	"	3.94		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.04	0.183	"	3.67		110	50-150				
Perfluorononanoic acid (PFNA)	4.31	0.197	"	3.94		109	50-150				
Perfluorodecanoic acid (PFDA)	4.44	0.197	"	3.94		113	50-150				
Perfluoroundecanoic acid (PFUnA)	4.36	0.197	"	3.94		111	50-150				
Perfluorododecanoic acid (PFDoA)	3.63	0.197	"	3.94		92.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.61	0.197	"	3.94		117	50-150				
Perfluorotetradecanoic acid (PFTA)	3.87	0.197	"	3.94		98.2	50-150				
N-MeFOSAA	4.15	0.197	"	3.94		105	50-150				
N-EtFOSAA	3.86	0.197	"	3.94		97.8	50-150				
Perfluoropentanoic acid (PFPeA)	8.29	0.394	"	7.89		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.55	0.197	"	3.94		89.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.02	0.197	"	3.77		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.80	0.190	"	3.81		99.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.1	0.750	"	15.0		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.6	0.757	"	15.1		103	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.0	0.789	"	15.8		94.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.50	0.351	"	7.02		107	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.4	0.394	"	7.89		132	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.784	0.394	"	7.89		9.94	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.41	0.394	"	7.89		119	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.05	0.185	"	3.71		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.2	0.740	"	14.8		103	50-150				
HFPO-DA (Gen-X)	10.1	0.789	"	7.89		128	50-150				
11CL-PF3OUdS	5.51	0.746	"	7.46		73.9	50-150				
9CL-PF3ONS	6.96	0.738	"	7.38		94.4	50-150				
ADONA	8.54	0.746	"	7.46		115	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS1) LCS									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Perfluorododecanesulfonic acid (PFDoS)	2.54	0.191	ug/kg wet	3.83		66.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.74	0.189	"	3.79		125	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.46	0.986	"	15.8		60.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	69.7	4.93	"	78.9		88.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	70.2	4.93	"	78.9		89.0	50-150				
N-MeFOSE	40.5	1.97	"	39.4		103	50-150				
N-MeFOSA	3.78	0.197	"	3.94		95.7	50-150				
N-EtFOSE	38.5	1.97	"	39.4		97.6	50-150				
N-EtFOSA	5.07	0.197	"	3.94		129	50-150				
Surrogate: M3PFBS	*3.57*		"	*2.30*		*155*	*25-150*				
Surrogate: M5PFHxA	*2.81*		"	*2.47*		*114*	*25-150*				
Surrogate: M4PFHpA	*3.85*		"	*2.47*		*156*	*25-150*				
Surrogate: M3PFHxS	*3.14*		"	*2.34*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		"	*2.47*		*123*	*25-150*				
Surrogate: M6PFDA	*1.45*		"	*1.23*		*117*	*25-150*				
Surrogate: M7PFUdA	*1.31*		"	*1.23*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.15*		"	*1.23*		*93.2*	*25-150*				
Surrogate: M2PFTeDA	*0.945*		"	*1.23*		*76.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.295*		"	*9.86*		*2.99*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.33*		"	*2.36*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.53*		"	*4.93*		*91.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.43*		"	*2.47*		*98.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.55*		"	*4.93*		*113*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.23*		"	*4.93*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*6.07*		"	*4.69*		*129*	*25-200*				
Surrogate: M2-8:2 FTS	*6.21*		"	*4.73*		*131*	*25-200*				
Surrogate: M9PFNA	*1.41*		"	*1.23*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*7.19*		"	*4.63*		*155*	*25-150*				
Surrogate: d-N-MeFOSA	*2.37*		"	*2.47*		*96.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.79*		"	*2.47*		*72.8*	*25-150*				
Surrogate: M3HFPO-DA	*8.75*		"	*9.86*		*88.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.9*		"	*24.7*		*76.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.6*		"	*24.7*		*75.6*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS2) LCS								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Perfluorobutanesulfonic acid (PFBS)	0.696	0.177	ug/kg wet	0.708		98.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.742	0.200	"	0.800		92.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.591	0.200	"	0.800		73.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.820	0.183	"	0.732		112	50-150				
Perfluorooctanoic acid (PFOA)	0.757	0.200	"	0.800		94.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.595	0.186	"	0.744		79.9	50-150				
Perfluorononanoic acid (PFNA)	0.845	0.200	"	0.800		106	50-150				
Perfluorodecanoic acid (PFDA)	0.770	0.200	"	0.800		96.3	50-150				
Perfluoroundecanoic acid (PFUnA)	0.847	0.200	"	0.800		106	50-150				
Perfluorododecanoic acid (PFDoA)	0.617	0.200	"	0.800		77.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.895	0.200	"	0.800		112	50-150				
Perfluorotetradecanoic acid (PFTA)	0.716	0.200	"	0.800		89.5	50-150				
N-MeFOSAA	0.735	0.200	"	0.800		91.9	50-150				
N-EtFOSAA	0.682	0.200	"	0.800		85.2	50-150				
Perfluoropentanoic acid (PFPeA)	1.53	0.400	"	1.60		95.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.744	0.200	"	0.800		93.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.694	0.200	"	0.764		90.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.699	0.193	"	0.772		90.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.69	0.760	"	3.04		121	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.73	0.768	"	3.07		89.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.07	0.800	"	3.20		95.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.39	0.356	"	1.42		97.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.70	0.400	"	1.60		106	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.148	0.400	"	1.60		9.23	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.77	0.400	"	1.60		110	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.774	0.188	"	0.752		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.01	0.750	"	3.00		100	50-150				
HFPO-DA (Gen-X)	1.39	0.800	"	1.60		87.2	50-150				
11CL-PF3OUdS	1.33	0.756	"	1.51		88.0	50-150				
9CL-PF3ONS	1.24	0.748	"	1.50		83.2	50-150				
ADONA	1.96	0.756	"	1.51		130	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.490	0.194	"	0.776		63.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.843	0.192	"	0.768		110	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.21	1.00	"	3.20		37.8	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	12.9	5.00	"	16.0		80.7	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	12.7	5.00	"	16.0		79.1	50-150				
N-MeFOSE	7.94	2.00	"	8.00		99.3	50-150				
N-MeFOSA	0.646	0.200	"	0.800		80.7	50-150				
N-EtFOSE	7.36	2.00	"	8.00		92.0	50-150				
N-EtFOSA	0.584	0.200	"	0.800		73.0	50-150				
Surrogate: M3PFBS	*2.81*		"	*2.33*		*121*	*25-150*				
Surrogate: M5PFHxA	*2.63*		"	*2.50*		*105*	*25-150*				
Surrogate: M4PFHpA	*3.54*		"	*2.50*		*142*	*25-150*				
Surrogate: M3PFHxS	*2.53*		"	*2.37*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.67*		"	*2.50*		*107*	*25-150*				
Surrogate: M6PFDA	*1.32*		"	*1.25*		*106*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.25*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.08*		"	*1.25*		*86.7*	*25-150*				
Surrogate: M2PFTeDA	*0.927*		"	*1.25*		*74.2*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS2) LCS									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.290*		*ug/kg wet*	*10.0*		*2.90*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.40*		*97.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.21*		*"*	*5.00*		*84.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.12*		*"*	*2.50*		*84.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.62*		*"*	*5.00*		*92.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.68*		*"*	*5.00*		*93.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.81*		*"*	*4.76*		*80.1*	*25-200*				
Surrogate: M2-8:2 FTS	*4.13*		*"*	*4.80*		*85.9*	*25-200*				
Surrogate: M9PFNA	*1.28*		*"*	*1.25*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*5.15*		*"*	*4.69*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*1.92*		*"*	*2.50*		*76.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.66*		*"*	*2.50*		*66.3*	*25-150*				
Surrogate: M3HFPO-DA	*8.38*		*"*	*10.0*		*83.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.4*		*"*	*25.0*		*61.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.2*		*"*	*25.0*		*60.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41587 - EPA 3550C											
Blank (BH41587-BLK1) Blank								Prepared & Analyzed: 08/23/2024			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0352*		*"*	*0.0664*		*53.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0439*		*"*	*0.0664*		*66.1*	*30-150*				
LCS (BH41587-BS1) LCS								Prepared & Analyzed: 08/23/2024			
4,4'-DDD	0.0223	0.00164	mg/kg wet	0.0332		67.2	40-140				
4,4'-DDE	0.0218	0.00164	"	0.0332		65.6	40-140				
4,4'-DDT	0.0247	0.00164	"	0.0332		74.3	40-140				
Aldrin	0.0236	0.00164	"	0.0332		71.0	40-140				
alpha-BHC	0.0243	0.00164	"	0.0332		73.1	40-140				
alpha-Chlordane	0.0247	0.00164	"	0.0332		74.4	40-140				
beta-BHC	0.0262	0.00164	"	0.0332		78.8	40-140				
delta-BHC	0.0228	0.00164	"	0.0332		68.6	40-140				
Dieldrin	0.0242	0.00164	"	0.0332		72.7	40-140				
Endosulfan I	0.0278	0.00164	"	0.0332		83.5	40-140				
Endosulfan II	0.0268	0.00164	"	0.0332		80.5	40-140				
Endosulfan sulfate	0.0244	0.00164	"	0.0332		73.5	40-140				
Endrin	0.0259	0.00164	"	0.0332		77.9	40-140				
Endrin aldehyde	0.0257	0.00164	"	0.0332		77.4	40-140				
Endrin ketone	0.0260	0.00164	"	0.0332		78.1	40-140				
gamma-BHC (Lindane)	0.0247	0.00164	"	0.0332		74.3	40-140				
gamma-Chlordane	0.0247	0.00164	"	0.0332		74.4	40-140				
Heptachlor	0.0272	0.00164	"	0.0332		81.9	40-140				
Heptachlor epoxide	0.0255	0.00164	"	0.0332		76.7	40-140				
Methoxychlor	0.0250	0.00164	"	0.0332		75.1	40-140				
Surrogate: Decachlorobiphenyl	*0.0401*		*"*	*0.0664*		*60.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0507*		*"*	*0.0664*		*76.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41614 - EPA 3550C											
Blank (BH41614-BLK1) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0406*		*"*	*0.0664*		*61.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0508*		*"*	*0.0664*		*76.4*	*30-150*				
LCS (BH41614-BS1) LCS									Prepared: 08/24/2024 Analyzed: 08/26/2024		
4,4'-DDD	0.0214	0.00164	mg/kg wet	0.0332		64.5	40-140				
4,4'-DDE	0.0215	0.00164	"	0.0332		64.8	40-140				
4,4'-DDT	0.0233	0.00164	"	0.0332		70.0	40-140				
Aldrin	0.0217	0.00164	"	0.0332		65.4	40-140				
alpha-BHC	0.0227	0.00164	"	0.0332		68.3	40-140				
alpha-Chlordane	0.0236	0.00164	"	0.0332		70.9	40-140				
beta-BHC	0.0252	0.00164	"	0.0332		75.9	40-140				
delta-BHC	0.0222	0.00164	"	0.0332		66.8	40-140				
Dieldrin	0.0229	0.00164	"	0.0332		68.9	40-140				
Endosulfan I	0.0257	0.00164	"	0.0332		77.3	40-140				
Endosulfan II	0.0248	0.00164	"	0.0332		74.7	40-140				
Endosulfan sulfate	0.0228	0.00164	"	0.0332		68.8	40-140				
Endrin	0.0244	0.00164	"	0.0332		73.4	40-140				
Endrin aldehyde	0.0249	0.00164	"	0.0332		75.0	40-140				
Endrin ketone	0.0242	0.00164	"	0.0332		72.8	40-140				
gamma-BHC (Lindane)	0.0232	0.00164	"	0.0332		69.7	40-140				
gamma-Chlordane	0.0235	0.00164	"	0.0332		70.7	40-140				
Heptachlor	0.0255	0.00164	"	0.0332		76.7	40-140				
Heptachlor epoxide	0.0242	0.00164	"	0.0332		72.7	40-140				
Methoxychlor	0.0239	0.00164	"	0.0332		71.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0378*		*"*	*0.0664*		*56.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0462*		*"*	*0.0664*		*69.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41587 - EPA 3550C											
Blank (BH41587-BLK2) Blank									Prepared: 08/23/2024 Analyzed: 08/26/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0465*		*"*	*0.0664*		*70.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0316*		*"*	*0.0664*		*47.5*	*30-140*				
LCS (BH41587-BS2) LCS									Prepared: 08/23/2024 Analyzed: 08/26/2024		
Aroclor 1016	0.254	0.0166	mg/kg wet	0.332		76.5	40-130				
Aroclor 1260	0.242	0.0166	"	0.332		72.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0475*		*"*	*0.0664*		*71.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0352*		*"*	*0.0664*		*53.0*	*30-140*				
Batch BH41614 - EPA 3550C											
Blank (BH41614-BLK2) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0568*		*"*	*0.0664*		*85.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0312*		*"*	*0.0664*		*47.0*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41614 - EPA 3550C											
LCS (BH41614-BS2) LCS									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aroclor 1016	0.298	0.0166	mg/kg wet	0.332		89.6	40-130				
Aroclor 1260	0.268	0.0166	"	0.332		80.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0664*		*82.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0332*		*"*	*0.0664*		*50.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41755 - EPA 3550C/8151A											
Blank (BH41755-BLK1) Blank								Prepared & Analyzed: 08/27/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.357*		*"*	*0.415*		*86.0*	*21-150*				
LCS (BH41755-BS1) LCS								Prepared & Analyzed: 08/27/2024			
2,4,5-T	0.0723	0.0199	mg/kg wet	0.0664		109	10-120				
2,4,5-TP (Silvex)	0.0689	0.0199	"	0.0664		104	10-120				
2,4-D	0.0640	0.0199	"	0.0664		96.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.401*		*"*	*0.415*		*96.6*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41618 - EPA 3050B											
Blank (BH41618-BLK1) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41618-SRM1) Reference									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aluminum	7160	4.17	mg/kg wet	7680		93.2	46.7-129.9				
Antimony	74.8	2.08	"	257		29.1	1-100				
Arsenic	307	1.25	"	360		85.3	70.6-102.2				
Barium	288	2.08	"	332		86.6	75-108.1				
Beryllium	171	0.042	"	183		93.4	76.5-108.2				
Cadmium	207	0.250	"	238		86.9	73.5-105				
Calcium	5060	4.17	"	5490		92.2	77.2-110.9				
Chromium	184	0.417	"	199		92.7	73.4-107				
Cobalt	85.2	0.333	"	88.7		96.0	76.6-107.6				
Copper	229	1.67	"	227		101	74.9-105.7				
Iron	6450	20.8	"	7360		87.6	51.1-125.8				
Lead	91.7	0.417	"	100		91.7	75.9-110				
Magnesium	1780	4.17	"	1900		93.6	67.4-111.1				
Manganese	515	0.417	"	591		87.2	72.6-107.1				
Nickel	321	0.830	"	342		93.9	75.4-107.6				
Potassium	1370	4.17	"	1500		91.7	66.1-116.7				
Selenium	159	2.08	"	170		93.4	78.2-115.9				
Silver	75.1	0.420	"	88.6		84.8	73.9-112				
Sodium	615	41.7	"	527		117	68.5-115.9	High Bias			
Thallium	206	2.08	"	226		91.0	73.5-108.4				
Vanadium	106	0.830	"	118		89.7	68.1-106.8				
Zinc	167	2.08	"	183		91.2	72.7-109.3				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41703 - EPA 3050B											
Blank (BH41703-BLK1) Blank									Prepared: 08/26/2024 Analyzed: 08/27/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41703-SRM1) Reference									Prepared: 08/26/2024 Analyzed: 08/27/2024		
Aluminum	6320	4.17	mg/kg wet	7680		82.3	35.7-119				
Antimony	71.3	2.08	"	244		29.2	0-99.5				
Arsenic	238	1.25	"	283		84.0	69.9-101.4				
Barium	289	2.08	"	326		88.6	73.9-107.1				
Beryllium	148	0.042	"	175		84.4	75.4-107.4				
Cadmium	84.3	0.250	"	95.8		88.0	72.3-103.7				
Calcium	5140	4.17	"	5470		94.0	79.5-113.2				
Chromium	215	0.417	"	239		89.9	72.4-106.3				
Cobalt	142	0.333	"	150		94.5	76-107.3				
Copper	212	1.67	"	217		97.8	74.7-105.1				
Iron	6370	20.8	"	7360		86.6	53-127.9				
Lead	196	0.417	"	210		93.2	75.7-109.5				
Magnesium	1910	4.17	"	2080		91.6	67.3-111.1				
Manganese	249	0.417	"	290		86.0	73.4-108.3				
Nickel	312	0.830	"	329		94.9	74.5-106.7				
Potassium	2120	4.17	"	2330		91.0	60.9-111.6				
Selenium	261	2.08	"	281		93.0	77.6-116.7				
Silver	75.4	0.420	"	82.7		91.1	73.7-111.7				
Sodium	784	41.7	"	427		184	71.2-118.7	High Bias			
Thallium	108	2.08	"	123		87.6	70.2-104.8				
Vanadium	168	0.830	"	192		87.4	68.8-107.8				
Zinc	234	2.08	"	260		90.1	72.7-109.2				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41593 - EPA 7473 soil											
Blank (BH41593-BLK1) Blank									Prepared: 08/23/2024 Analyzed: 08/24/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41593-SRM1) Reference									Prepared: 08/23/2024 Analyzed: 08/24/2024		
Mercury	19.735		mg/kg	18.2		108	59.9-140.1				
Batch BH41697 - EPA 7473 soil											
Blank (BH41697-BLK1) Blank									Prepared: 08/26/2024 Analyzed: 08/27/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41697-SRM1) Reference									Prepared: 08/26/2024 Analyzed: 08/27/2024		
Mercury	15.724		mg/kg	18.2		86.4	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41705 - Analysis Preparation Soil											
Blank (BH41705-BLK1) Blank									Prepared & Analyzed: 08/26/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH41705-SRM1) Reference									Prepared & Analyzed: 08/26/2024		
Cyanide, total	43.2		ug/mL	59.7		72.4	38.5-161.4				
Batch BH41748 - Analysis Preparation Soil											
Blank (BH41748-BLK1) Blank									Prepared & Analyzed: 08/27/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH41748-SRM1) Reference									Prepared & Analyzed: 08/27/2024		
Cyanide, total	49.6		ug/mL	59.7		83.0	38.5-161.4				
Batch BH41875 - EPA SW846-3060											
Blank (BH41875-BLK1) Blank									Prepared & Analyzed: 08/28/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH41875-SRM1) Reference									Prepared & Analyzed: 08/28/2024		
Chromium, Hexavalent	242		mg/L	227		107	42.3-157.7				
Batch BH41900 - EPA SW846-3060											
Blank (BH41900-BLK1) Blank									Prepared & Analyzed: 08/28/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41900 - EPA SW846-3060											
Reference (BH41900-SRM1) Reference									Prepared & Analyzed: 08/28/2024		
Chromium, Hexavalent	199		mg/L	227		87.8	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41572 - % Solids Prep											
Duplicate (BH41572-DUP1) Duplicate	*Source sample: 24H1562-03 (PE21_15)								Prepared & Analyzed: 08/23/2024		
% Solids	74.9	0.100	%		73.6				1.77	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1562-01	DUP-1_08222024	40mL Vial with Stir Bar-Cool 4° C
24H1562-02	TB_08222024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H1562-03	PE21_15	40mL Vial with Stir Bar-Cool 4° C
24H1562-04	PE29_15	40mL Vial with Stir Bar-Cool 4° C
24H1562-05	PE38_16	40mL Vial with Stir Bar-Cool 4° C
24H1562-06	PE39_16	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: Per client request, the following sample IDs were updated to remove the dash after PE in the ID nomenclature.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24H1562

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address: Same
Phone.: 973 560 4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: LKott@langan.com	E-mail:

YOUR Project Name / Number: 1209B Flatlands Avenue 100688801

PO Number:

Samples Collected From: NY ✓ | NJ | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) ✓ | PFAS Standard 7-10 Day

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

Kyle S. Godfrey

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOAs	VOCs	SVOCs	Pesticides/Herbicides	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp.
DUP01-08222024	8/22	10:00	Soil	3									1	X								G
TB-08222024		10:00	LIQ		2								1	X								G
~~MS/MSD-08222024~~ KSG		~~10:00~~	~~Soil~~	~~3~~									1	X	X	X	X	X	X	X	X	G
PE-21-15		10:30		3									1	X	X	X	X	X	X	X	X	G
PE-29-15		10:50		3									1	X	X	X	X	X	X	X	X	G
PE-38-15		10:20		3									1	X	X	X	X	X	X	X	X	G
PE-39-16		~~10:50~~ 9:58		3									1	X	X	X	X	X	X	X	X	G
~~FB01-08222024~~ KSG	↓	~~11:50~~	~~LIQ~~																			

Analyses Requested

Report Type (circle): QA Report | ~~Summary~~ (Results Only) | NY ASP B Package | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | NYSDEC EQuIS | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered | Lab Filtered

Comments:

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

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

COC Complete: ~~Y~~ / N COC Received: ~~Y~~ / N Appropriate Sample Volumes: ~~Y~~ / N Appropriate Sample Containers: ~~Y~~ / N

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

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Kyle S. Godfrey LANGAN	8/22 14:20	Thomas Huber / Yorklab	8/22/24 1420	Thomas Huber / Yorklab	8/22/24 1545
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
YRK	8/22/24 1545 4.1C	YRK	8/22/24 RSO	Ramon Duran	8/22/24 1840
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
Ramon Duran	8/22/24 20:25			Mavara	8/22/24 1.7 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1664

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1664

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 23, 2024 and listed below. The project was identified as your project: **100688801**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1664-01	TB-08232024	Water	08/23/2024	08/23/2024
24H1664-02	PE4_15	Soil	08/23/2024	08/23/2024
24H1664-03	PE5_15	Soil	08/23/2024	08/23/2024

General Notes for York Project (SDG) No.: 24H1664

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

Approved By **Date:** 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: TB-08232024 **York Sample ID:** 24H1664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Water	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	**1,2,3-Trichlorobenzene**	**0.26**	J	ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB-08232024 **York Sample ID:** 24H1664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Water	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**1.6**		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB-08232024 **York Sample ID:** 24H1664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Water	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE	ug/L	0.50	1.0	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB-08232024 **York Sample ID:** 24H1664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Water	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/26/2024 09:00	08/26/2024 13:29	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*119 %*	*79-122*

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.033	0.067	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0033	0.0067	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE, QL-02	mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	ICVE	mg/kg dry	0.0017	0.0033	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	08/26/2024 12:00	08/26/2024 23:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.203	0.406	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.406	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.101	0.203	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:			
206-44-0	**Fluoranthene**	**0.0673**	J	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0624**	J, CCVE	mg/kg dry	0.0508	0.101	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.0 %*	*23-114*

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*51.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*39.1 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	08/25/2024 08:49	08/26/2024 12:26	LL
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.136	0.216	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0648	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.128	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.219	0.224	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.210	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.204	0.227	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.231	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.233	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.242	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.199	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.153	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.126	0.244	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:34	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.181	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.237	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.133	0.489	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.178	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.189	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.233	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.727	0.929	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.923	0.939	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.133	0.978	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.170	0.435	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.236	0.489	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0758	0.489	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.117	0.489	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.192	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.727	0.917	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.743	0.978	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.380	0.924	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.301	0.914	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.213	0.924	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.207	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.152	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:34	ESJ

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L	ug/kg dry	0.775	1.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.56	6.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.83	6.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.747	2.44	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.220	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.852	2.44	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.242	0.244	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:34	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*145 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*117 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*177 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*124 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*125 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*130 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*117 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*92.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.62 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*132 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*104 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.0 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*116 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*121 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*95.5 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*93.3 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*121 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*135 %*		*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*93.8 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*60.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*62.5 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*70.3 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*66.4 %*		*25-150*

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0404	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.202	5	EPA 8081B	08/24/2024 07:42	08/26/2024 21:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:13	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0245	1	EPA 8151A	08/28/2024 14:52	08/29/2024 18:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0245	1	EPA 8151A	08/28/2024 14:52	08/29/2024 18:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0245	1	EPA 8151A	08/28/2024 14:52	08/29/2024 18:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*103 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7730**		mg/kg dry	5.13	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.57	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.77**		mg/kg dry	1.54	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**45.5**		mg/kg dry	2.56	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.277**		mg/kg dry	0.052	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.308	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2510**		mg/kg dry	5.13	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.1**		mg/kg dry	0.514	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.84**		mg/kg dry	0.410	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**18.1**		mg/kg dry	2.05	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**7660**		mg/kg dry	25.7	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**25.9**		mg/kg dry	0.514	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1220**		mg/kg dry	5.14	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**74.6**		mg/kg dry	0.514	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.0**		mg/kg dry	1.02	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**528**		mg/kg dry	5.14	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.57	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.517	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**105**		mg/kg dry	51.3	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.57	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.6**		mg/kg dry	1.02	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**42.4**		mg/kg dry	2.56	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.449**		mg/kg dry	0.0370	1	EPA 7473	08/24/2024 08:59	08/26/2024 14:58	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.616	1	EPA 7196A	08/26/2024 09:16	08/26/2024 18:34	AD
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.1**		mg/kg	0.500	1	Calculation	08/30/2024 15:20	08/30/2024 15:24	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.616	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: PE4_15 **York Sample ID:** 24H1664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:30 am	08/23/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.2**		%	0.100	1	SM 2540G	08/26/2024 07:09	08/26/2024 10:48	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.028	0.057	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0089**		mg/kg dry	0.0028	0.0057	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0043**		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE, QL-02	mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NJDEP-CT005		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	ICVE	mg/kg dry	0.0014	0.0028	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D	08/26/2024 12:00	08/27/2024 00:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.196	0.392	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.392	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0979	0.195	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	CCVE	mg/kg dry	0.0490	0.0979	2	EPA 8270E	08/25/2024 08:24	08/26/2024 13:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*40.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*41.2 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*44.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*55.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*42.3 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/25/2024 08:49	08/26/2024 12:44	LL
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*75.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0626	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.212	0.216	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.203	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.197	0.220	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.223	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.193	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.236	1	EPA 1633 Draft 3	08/27/2024 08:37	08/29/2024 19:50	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.229	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.173	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.703	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.892	0.908	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.129	0.946	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.164	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.228	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0733	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.473	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.186	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.703	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.719	0.946	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.368	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.291	0.884	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.206	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.200	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	08/27/2024 08:37	08/29/2024 19:50	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L	ug/kg dry	0.749	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.77	5.91	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.722	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.824	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	08/27/2024 08:37	08/29/2024 19:50	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*159 %*	PFSu-H	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*97.2 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*146 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*142 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*109 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*116 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*107 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*79.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*67.6 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*97.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*89.4 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*99.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*104 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*118 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*125 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*117 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*146 %*		*25-150*
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*52.0 %*		*25-150*
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*51.9 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*48.8 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*64.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*59.6 %*		*25-150*

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0390	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.195	5	EPA 8081B	08/24/2024 07:42	08/26/2024 22:08	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	08/24/2024 07:42	08/26/2024 15:27	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0236	1	EPA 8151A	08/28/2024 14:52	08/29/2024 18:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0236	1	EPA 8151A	08/28/2024 14:52	08/29/2024 18:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0236	1	EPA 8151A	08/28/2024 14:52	08/29/2024 18:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*89.4 %*			*21-150*					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7380**		mg/kg dry	4.95	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.48	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.22**		mg/kg dry	1.49	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**12.8**		mg/kg dry	2.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.168**		mg/kg dry	0.050	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.297	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**596**		mg/kg dry	4.95	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.3**		mg/kg dry	0.496	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.29**		mg/kg dry	0.396	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**7.73**		mg/kg dry	1.98	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9660**		mg/kg dry	24.8	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**9.79**		mg/kg dry	0.496	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1360**		mg/kg dry	4.96	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**55.4**		mg/kg dry	0.496	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.7**		mg/kg dry	0.987	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**439**		mg/kg dry	4.96	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.48	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.499	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE5_15 **York Sample ID:** 24H1664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	ND		mg/kg dry	49.5	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.48	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.8**		mg/kg dry	0.987	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**20.9**		mg/kg dry	2.47	1	EPA 6010D	08/24/2024 09:31	08/26/2024 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.145**		mg/kg dry	0.0357	1	EPA 7473	08/24/2024 08:59	08/26/2024 14:58	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.595	1	EPA 7196A	08/26/2024 09:16	08/26/2024 18:34	AD
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.3**		mg/kg	0.500	1	Calculation	08/30/2024 15:20	08/30/2024 15:24	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.595	1	EPA 9014/9010C	08/26/2024 07:23	08/26/2024 15:31	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: **PE5_15** **York Sample ID:** **24H1664-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1664	100688801	Soil	August 23, 2024 9:40 am	08/23/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.1**		%	0.100	1	SM 2540G	08/26/2024 07:09	08/26/2024 10:48	HLY
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BH41614 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/24/24
24H1664-02	PE4_15	08/24/24
24H1664-03	PE5_15	08/24/24
24H1664-03	PE5_15	08/24/24
BH41614-BLK1	Blank	08/24/24
BH41614-BLK2	Blank	08/24/24
BH41614-BS1	LCS	08/24/24
BH41614-BS2	LCS	08/24/24

Batch ID: BH41615 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/24/24
24H1664-03	PE5_15	08/24/24
BH41615-BLK1	Blank	08/24/24
BH41615-SRM1	Reference	08/24/24

Batch ID: BH41618 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/24/24
24H1664-03	PE5_15	08/24/24
BH41618-BLK1	Blank	08/24/24
BH41618-DUP1	Duplicate	08/24/24
BH41618-MS1	Matrix Spike	08/24/24
BH41618-PS1	Post Spike	08/24/24
BH41618-SRM1	Reference	08/24/24

Batch ID: BH41627 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/25/24
24H1664-03	PE5_15	08/25/24
BH41627-BLK1	Blank	08/25/24
BH41627-BS1	LCS	08/25/24

Batch ID: BH41629 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/25/24
24H1664-03	PE5_15	08/25/24
BH41629-BLK1	Blank	08/25/24
BH41629-BS1	LCS	08/25/24

BH41629-MS1	Matrix Spike	08/25/24
BH41629-MSD1	Matrix Spike Dup	08/25/24

Batch ID: BH41636 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/26/24
24H1664-03	PE5_15	08/26/24

Batch ID: BH41640 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/26/24
24H1664-03	PE5_15	08/26/24
BH41640-BLK1	Blank	08/26/24
BH41640-SRM1	Reference	08/26/24

Batch ID: BH41671 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/26/24
24H1664-03	PE5_15	08/26/24
BH41671-BLK1	Blank	08/26/24
BH41671-SRM1	Reference	08/26/24

Batch ID: BH41717 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-01	TB-08232024	08/26/24
BH41717-BLK1	Blank	08/26/24
BH41717-BS1	LCS	08/26/24
BH41717-BSD1	LCS Dup	08/26/24

Batch ID: BH41764 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/27/24
24H1664-03	PE5_15	08/27/24
BH41764-BLK1	Blank	08/27/24
BH41764-BS1	LCS	08/27/24
BH41764-BS2	LCS	08/27/24

Batch ID: BH41808 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/26/24
24H1664-03	PE5_15	08/26/24

BH41808-BLK1	Blank	08/26/24
BH41808-BS1	LCS	08/26/24
BH41808-BSD1	LCS Dup	08/26/24

Batch ID: BH41903 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/28/24
24H1664-03	PE5_15	08/28/24
BH41903-BLK1	Blank	08/28/24
BH41903-BS1	LCS	08/28/24

Batch ID: BH42106 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1664-02	PE4_15	08/30/24
24H1664-03	PE5_15	08/30/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41717 - EPA 5030B											
Blank (BH41717-BLK1) Blank									Prepared & Analyzed: 08/26/2024		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41717 - EPA 5030B											
Blank (BH41717-BLK1) Blank								Prepared & Analyzed: 08/26/2024			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.47*		*"*	*10.0*		*94.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BH41717-BS1) LCS								Prepared & Analyzed: 08/26/2024			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	9.4		"	10.0		94.3	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.7		"	10.0		96.8	54-165				
1,1,2-Trichloroethane	9.7		"	10.0		96.8	82-123				
1,1-Dichloroethane	9.5		"	10.0		95.3	82-129				
1,1-Dichloroethylene	9.9		"	10.0		98.8	68-138				
1,2,3-Trichlorobenzene	9.1		"	10.0		91.0	40-130				
1,2,3-Trichloropropane	13		"	10.0		126	77-128				
1,2,4-Trichlorobenzene	8.5		"	10.0		85.4	65-137				
1,2,4-Trimethylbenzene	11		"	10.0		114	82-132				
1,2-Dibromo-3-chloropropane	13		"	10.0		126	45-147				
1,2-Dibromoethane	9.4		"	10.0		93.9	83-124				
1,2-Dichlorobenzene	9.9		"	10.0		99.2	79-123				
1,2-Dichloroethane	9.6		"	10.0		96.1	73-132				
1,2-Dichloropropane	10		"	10.0		102	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		117	80-131				
1,3-Dichlorobenzene	10		"	10.0		102	86-130				
1,4-Dichlorobenzene	9.8		"	10.0		98.2	85-130				
1,4-Dioxane	180		"	210		85.9	10-349				
2-Butanone	7.8		"	10.0		77.9	49-152				
2-Hexanone	9.7		"	10.0		96.7	51-146				
4-Methyl-2-pentanone	7.9		"	10.0		79.2	57-145				
Acetone	9.1		"	10.0		91.2	14-150				
Acrolein	3.8		"	10.0		38.5	10-153				
Acrylonitrile	8.5		"	10.0		85.4	51-150				
Benzene	9.9		"	10.0		99.1	85-126				
Bromochloromethane	9.2		"	10.0		92.2	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41717 - EPA 5030B											
LCS (BH41717-BS1) LCS							Prepared & Analyzed: 08/26/2024				
Bromodichloromethane	9.8		ug/L	10.0		97.9	79-128				
Bromoform	9.1		"	10.0		91.1	78-133				
Bromomethane	8.3		"	10.0		83.2	43-168				
Carbon disulfide	9.0		"	10.0		89.5	68-146				
Carbon tetrachloride	9.8		"	10.0		97.5	77-141				
Chlorobenzene	9.7		"	10.0		97.2	88-120				
Chloroethane	8.2		"	10.0		81.5	65-136				
Chloroform	9.6		"	10.0		95.9	82-128				
Chloromethane	6.4		"	10.0		64.5	43-155				
cis-1,2-Dichloroethylene	9.7		"	10.0		97.1	83-129				
cis-1,3-Dichloropropylene	9.6		"	10.0		96.3	80-131				
Cyclohexane	8.5		"	10.0		84.8	63-149				
Dibromochloromethane	9.5		"	10.0		95.0	80-130				
Dibromomethane	9.2		"	10.0		92.5	72-134				
Dichlorodifluoromethane	4.0		"	10.0		39.9	44-144	Low Bias			
Ethyl Benzene	11		"	10.0		106	80-131				
Hexachlorobutadiene	10		"	10.0		101	67-146				
Isopropylbenzene	12		"	10.0		119	76-140				
Methyl acetate	8.9		"	10.0		89.4	51-139				
Methyl tert-butyl ether (MTBE)	9.6		"	10.0		95.7	76-135				
Methylcyclohexane	10		"	10.0		105	72-143				
Methylene chloride	9.3		"	10.0		93.0	55-137				
n-Butylbenzene	12		"	10.0		117	79-132				
n-Propylbenzene	12		"	10.0		119	78-133				
o-Xylene	10		"	10.0		100	78-130				
p- & m- Xylenes	21		"	20.0		104	77-133				
p-Isopropyltoluene	12		"	10.0		121	81-136				
sec-Butylbenzene	12		"	10.0		119	79-137				
Styrene	10		"	10.0		102	67-132				
tert-Butyl alcohol (TBA)	14		"	50.0		28.7	25-162				
tert-Butylbenzene	11		"	10.0		108	77-138				
Tetrachloroethylene	9.6		"	10.0		96.4	82-131				
Toluene	10		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	9.5		"	10.0		94.9	80-132				
trans-1,3-Dichloropropylene	8.4		"	10.0		84.5	78-131				
trans-1,4-dichloro-2-butene	11		"	10.0		105	63-141				
Trichloroethylene	9.9		"	10.0		99.3	82-128				
Trichlorofluoromethane	8.3		"	10.0		83.1	67-139				
Vinyl Chloride	7.3		"	10.0		72.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.43*		*"*	*10.0*		*94.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41717 - EPA 5030B											
LCS Dup (BH41717-BSD1) LCS Dup								Prepared & Analyzed: 08/26/2024			
1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0		97.9	82-126		2.62	30	
1,1,1-Trichloroethane	9.2		"	10.0		91.9	78-136		2.58	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		102	76-129		5.81	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.3		"	10.0		93.1	54-165		3.90	30	
1,1,2-Trichloroethane	9.6		"	10.0		96.4	82-123		0.414	30	
1,1-Dichloroethane	9.2		"	10.0		92.2	82-129		3.31	30	
1,1-Dichloroethylene	9.5		"	10.0		95.0	68-138		3.92	30	
1,2,3-Trichlorobenzene	11		"	10.0		109	40-130		18.2	30	
1,2,3-Trichloropropane	12		"	10.0		115	77-128		9.04	30	
1,2,4-Trichlorobenzene	8.9		"	10.0		88.8	65-137		3.90	30	
1,2,4-Trimethylbenzene	11		"	10.0		106	82-132		6.80	30	
1,2-Dibromo-3-chloropropane	12		"	10.0		120	45-147		5.37	30	
1,2-Dibromoethane	9.2		"	10.0		91.8	83-124		2.26	30	
1,2-Dichlorobenzene	9.3		"	10.0		92.8	79-123		6.67	30	
1,2-Dichloroethane	9.5		"	10.0		94.9	73-132		1.26	30	
1,2-Dichloropropane	10		"	10.0		101	78-126		0.986	30	
1,3,5-Trimethylbenzene	11		"	10.0		109	80-131		6.80	30	
1,3-Dichlorobenzene	9.6		"	10.0		96.5	86-130		5.74	30	
1,4-Dichlorobenzene	9.4		"	10.0		94.1	85-130		4.26	30	
1,4-Dioxane	210		"	210		101	10-349		16.2	30	
2-Butanone	6.9		"	10.0		69.2	49-152		11.8	30	
2-Hexanone	9.9		"	10.0		99.0	51-146		2.35	30	
4-Methyl-2-pentanone	8.3		"	10.0		82.8	57-145		4.44	30	
Acetone	9.0		"	10.0		90.3	14-150		0.992	30	
Acrolein	3.8		"	10.0		37.6	10-153		2.37	30	
Acrylonitrile	8.5		"	10.0		85.4	51-150		0.00	30	
Benzene	9.6		"	10.0		96.5	85-126		2.66	30	
Bromochloromethane	9.3		"	10.0		93.1	77-128		0.971	30	
Bromodichloromethane	9.7		"	10.0		97.3	79-128		0.615	30	
Bromoform	8.6		"	10.0		85.5	78-133		6.34	30	
Bromomethane	8.0		"	10.0		80.2	43-168		3.67	30	
Carbon disulfide	8.8		"	10.0		88.2	68-146		1.46	30	
Carbon tetrachloride	9.5		"	10.0		94.9	77-141		2.70	30	
Chlorobenzene	9.5		"	10.0		95.3	88-120		1.97	30	
Chloroethane	7.9		"	10.0		79.3	65-136		2.74	30	
Chloroform	9.4		"	10.0		94.4	82-128		1.58	30	
Chloromethane	6.2		"	10.0		61.9	43-155		4.11	30	
cis-1,2-Dichloroethylene	9.5		"	10.0		94.8	83-129		2.40	30	
cis-1,3-Dichloropropylene	9.3		"	10.0		93.3	80-131		3.16	30	
Cyclohexane	8.2		"	10.0		81.6	63-149		3.85	30	
Dibromochloromethane	9.4		"	10.0		93.7	80-130		1.38	30	
Dibromomethane	9.1		"	10.0		91.2	72-134		1.42	30	
Dichlorodifluoromethane	3.8		"	10.0		38.4	44-144	Low Bias	3.83	30	
Ethyl Benzene	10		"	10.0		103	80-131		2.97	30	
Hexachlorobutadiene	10		"	10.0		103	67-146		2.06	30	
Isopropylbenzene	11		"	10.0		109	76-140		8.70	30	
Methyl acetate	9.2		"	10.0		92.4	51-139		3.30	30	
Methyl tert-butyl ether (MTBE)	9.9		"	10.0		98.6	76-135		2.99	30	
Methylcyclohexane	10		"	10.0		99.6	72-143		5.09	30	
Methylene chloride	9.2		"	10.0		91.9	55-137		1.19	30	
n-Butylbenzene	11		"	10.0		108	79-132		7.29	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41717 - EPA 5030B											
LCS Dup (BH41717-BSD1) LCS Dup								Prepared & Analyzed: 08/26/2024			
n-Propylbenzene	11		ug/L	10.0		110	78-133		7.85	30	
o-Xylene	9.9		"	10.0		99.1	78-130		1.30	30	
p- & m- Xylenes	20		"	20.0		102	77-133		2.13	30	
p-Isopropyltoluene	11		"	10.0		111	81-136		9.06	30	
sec-Butylbenzene	11		"	10.0		110	79-137		8.20	30	
Styrene	10		"	10.0		100	67-132		2.27	30	
tert-Butyl alcohol (TBA)	15		"	50.0		29.8	25-162		3.83	30	
tert-Butylbenzene	9.9		"	10.0		99.1	77-138		8.59	30	
Tetrachloroethylene	9.4		"	10.0		93.8	82-131		2.73	30	
Toluene	9.9		"	10.0		99.1	80-127		3.37	30	
trans-1,2-Dichloroethylene	9.3		"	10.0		93.1	80-132		1.91	30	
trans-1,3-Dichloropropylene	8.4		"	10.0		83.7	78-131		0.951	30	
trans-1,4-dichloro-2-butene	11		"	10.0		106	63-141		0.474	30	
Trichloroethylene	9.7		"	10.0		96.9	82-128		2.45	30	
Trichlorofluoromethane	8.1		"	10.0		81.1	67-139		2.44	30	
Vinyl Chloride	6.9		"	10.0		69.1	58-145		5.08	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
Batch BH41808 - EPA 5035A											
Blank (BH41808-BLK1) Blank								Prepared & Analyzed: 08/26/2024			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41808 - EPA 5035A											
Blank (BH41808-BLK1) Blank									Prepared & Analyzed: 08/26/2024		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41808 - EPA 5035A											
LCS (BH41808-BS1) LCS							Prepared & Analyzed: 08/26/2024				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	45		"	50.0		89.7	71-137				
1,1,2,2-Tetrachloroethane	51		"	50.0		101	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40		"	50.0		80.1	58-146				
1,1,2-Trichloroethane	51		"	50.0		103	83-123				
1,1-Dichloroethane	44		"	50.0		88.0	75-130				
1,1-Dichloroethylene	43		"	50.0		85.4	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		98.0	81-140				
1,2,3-Trichloropropane	51		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	47		"	50.0		94.5	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	50		"	50.0		101	74-142				
1,2-Dibromoethane	51		"	50.0		102	86-123				
1,2-Dichlorobenzene	47		"	50.0		94.5	85-122				
1,2-Dichloroethane	46		"	50.0		92.7	71-133				
1,2-Dichloropropane	51		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	50		"	50.0		99.2	82-126				
1,3-Dichlorobenzene	47		"	50.0		94.1	84-124				
1,4-Dichlorobenzene	48		"	50.0		95.8	84-124				
1,4-Dioxane	420		"	1050		39.8	10-228				
2-Butanone	58		"	50.0		117	58-147				
2-Hexanone	51		"	50.0		102	70-139				
4-Methyl-2-pentanone	50		"	50.0		100	72-132				
Acetone	37		"	50.0		75.0	36-155				
Acrolein	7.2		"	50.0		14.4	10-238				
Acrylonitrile	51		"	50.0		102	66-141				
Benzene	48		"	50.0		96.3	77-127				
Bromochloromethane	47		"	50.0		93.2	74-129				
Bromodichloromethane	49		"	50.0		98.7	81-124				
Bromoform	53		"	50.0		106	80-136				
Bromomethane	33		"	50.0		66.0	32-177				
Carbon disulfide	39		"	50.0		77.4	10-136				
Carbon tetrachloride	46		"	50.0		92.4	66-143				
Chlorobenzene	48		"	50.0		95.1	86-120				
Chloroethane	35		"	50.0		70.5	51-142				
Chloroform	47		"	50.0		93.7	76-131				
Chloromethane	29		"	50.0		57.1	49-132				
cis-1,2-Dichloroethylene	41		"	50.0		82.0	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129				
Cyclohexane	44		"	50.0		88.6	70-130				
Dibromochloromethane	50		"	50.0		99.1	10-200				
Dibromomethane	48		"	50.0		95.6	83-124				
Dichlorodifluoromethane	12		"	50.0		24.5	28-158	Low Bias			
Ethyl Benzene	49		"	50.0		98.6	84-125				
Hexachlorobutadiene	49		"	50.0		98.2	83-133				
Isopropylbenzene	49		"	50.0		98.1	81-127				
Methyl acetate	48		"	50.0		96.5	41-143				
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.9	74-131				
Methylcyclohexane	45		"	50.0		90.0	70-130				
Methylene chloride	43		"	50.0		85.3	57-141				
n-Butylbenzene	48		"	50.0		97.0	80-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41808 - EPA 5035A											
LCS (BH41808-BS1) LCS							Prepared & Analyzed: 08/26/2024				
n-Propylbenzene	49		ug/L	50.0		98.7	74-136				
o-Xylene	48		"	50.0		96.7	83-123				
p- & m- Xylenes	98		"	100		97.9	82-128				
p-Isopropyltoluene	50		"	50.0		99.8	85-125				
sec-Butylbenzene	50		"	50.0		99.5	83-125				
Styrene	51		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	250		"	250		99.9	70-130				
tert-Butylbenzene	48		"	50.0		96.3	80-127				
Tetrachloroethylene	42		"	50.0		84.7	80-129				
Toluene	47		"	50.0		94.2	85-121				
trans-1,2-Dichloroethylene	43		"	50.0		86.7	72-132				
trans-1,3-Dichloropropylene	48		"	50.0		95.6	78-132				
trans-1,4-dichloro-2-butene	54		"	50.0		107	75-135				
Trichloroethylene	49		"	50.0		97.8	84-123				
Trichlorofluoromethane	34		"	50.0		68.1	62-140				
Vinyl Chloride	29		"	50.0		57.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.8*	*76-130*				
LCS Dup (BH41808-BSD1) LCS Dup							Prepared & Analyzed: 08/26/2024				
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		100	75-129		1.66	30	
1,1,1-Trichloroethane	44		"	50.0		88.1	71-137		1.78	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		4.22	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		"	50.0		81.7	58-146		2.03	30	
1,1,2-Trichloroethane	53		"	50.0		105	83-123		2.50	30	
1,1-Dichloroethane	44		"	50.0		88.7	75-130		0.747	30	
1,1-Dichloroethylene	43		"	50.0		86.2	64-137		0.909	30	
1,2,3-Trichlorobenzene	50		"	50.0		100	81-140		2.32	30	
1,2,3-Trichloropropane	53		"	50.0		107	81-126		3.63	30	
1,2,4-Trichlorobenzene	52		"	50.0		104	80-141		9.16	30	
1,2,4-Trimethylbenzene	53		"	50.0		105	84-125		4.18	30	
1,2-Dibromo-3-chloropropane	52		"	50.0		104	74-142		3.24	30	
1,2-Dibromoethane	50		"	50.0		100	86-123		1.46	30	
1,2-Dichlorobenzene	51		"	50.0		101	85-122		6.85	30	
1,2-Dichloroethane	48		"	50.0		95.1	71-133		2.64	30	
1,2-Dichloropropane	53		"	50.0		105	81-122		3.97	30	
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126		3.00	30	
1,3-Dichlorobenzene	50		"	50.0		100	84-124		6.50	30	
1,4-Dichlorobenzene	49		"	50.0		98.7	84-124		2.94	30	
1,4-Dioxane	990		"	1050		93.8	10-228		80.8	30	Non-dir.
2-Butanone	44		"	50.0		88.9	58-147		26.9	30	
2-Hexanone	55		"	50.0		110	70-139		6.84	30	
4-Methyl-2-pentanone	52		"	50.0		104	72-132		4.23	30	
Acetone	39		"	50.0		77.0	36-155		2.71	30	
Acrolein	7.2		"	50.0		14.4	10-238		0.278	30	
Acrylonitrile	57		"	50.0		114	66-141		11.0	30	
Benzene	46		"	50.0		91.8	77-127		4.78	30	
Bromochloromethane	47		"	50.0		94.6	74-129		1.56	30	
Bromodichloromethane	52		"	50.0		104	81-124		5.19	30	
Bromoform	53		"	50.0		106	80-136		0.698	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41808 - EPA 5035A											
LCS Dup (BH41808-BSD1) LCS Dup							Prepared & Analyzed: 08/26/2024				
Bromomethane	33		ug/L	50.0		66.7	32-177		0.995	30	
Carbon disulfide	39		"	50.0		77.7	10-136		0.439	30	
Carbon tetrachloride	48		"	50.0		95.6	66-143		3.38	30	
Chlorobenzene	49		"	50.0		97.2	86-120		2.23	30	
Chloroethane	36		"	50.0		71.1	51-142		0.848	30	
Chloroform	45		"	50.0		90.8	76-131		3.19	30	
Chloromethane	25		"	50.0		50.1	49-132		13.0	30	
cis-1,2-Dichloroethylene	42		"	50.0		84.8	74-132		3.33	30	
cis-1,3-Dichloropropylene	49		"	50.0		98.6	81-129		3.51	30	
Cyclohexane	45		"	50.0		89.2	70-130		0.585	30	
Dibromochloromethane	52		"	50.0		103	10-200		3.88	30	
Dibromomethane	50		"	50.0		99.2	83-124		3.63	30	
Dichlorodifluoromethane	11		"	50.0		22.0	28-158	Low Bias	10.4	30	
Ethyl Benzene	51		"	50.0		102	84-125		3.57	30	
Hexachlorobutadiene	51		"	50.0		103	83-133		4.42	30	
Isopropylbenzene	50		"	50.0		99.8	81-127		1.74	30	
Methyl acetate	48		"	50.0		96.5	41-143		0.00	30	
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.0	74-131		0.0613	30	
Methylcyclohexane	45		"	50.0		89.9	70-130		0.0667	30	
Methylene chloride	44		"	50.0		88.5	57-141		3.66	30	
n-Butylbenzene	50		"	50.0		100	80-130		3.52	30	
n-Propylbenzene	50		"	50.0		99.9	74-136		1.27	30	
o-Xylene	50		"	50.0		100	83-123		3.69	30	
p- & m- Xylenes	99		"	100		99.0	82-128		1.13	30	
p-Isopropyltoluene	51		"	50.0		103	85-125		3.10	30	
sec-Butylbenzene	50		"	50.0		100	83-125		0.721	30	
Styrene	51		"	50.0		102	86-126		0.883	30	
tert-Butyl alcohol (TBA)	260		"	250		104	70-130		4.07	30	
tert-Butylbenzene	49		"	50.0		98.6	80-127		2.44	30	
Tetrachloroethylene	42		"	50.0		83.8	80-129		1.09	30	
Toluene	49		"	50.0		98.6	85-121		4.59	30	
trans-1,2-Dichloroethylene	44		"	50.0		88.6	72-132		2.26	30	
trans-1,3-Dichloropropylene	47		"	50.0		93.7	78-132		1.92	30	
trans-1,4-dichloro-2-butene	56		"	50.0		112	75-135		4.25	30	
Trichloroethylene	50		"	50.0		100	84-123		2.32	30	
Trichlorofluoromethane	33		"	50.0		66.5	62-140		2.41	30	
Vinyl Chloride	26		"	50.0		52.0	52-130		10.3	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41627 - EPA 3550C											
Blank (BH41627-BLK1) Blank									Prepared: 08/25/2024 Analyzed: 08/26/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41627 - EPA 3550C											
Blank (BH41627-BLK1) Blank									Prepared: 08/25/2024 Analyzed: 08/26/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.24*		"	*1.66*		*74.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.10*		"	*1.66*		*66.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.734*		"	*0.831*		*88.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.628*		"	*0.831*		*75.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.26*		"	*1.66*		*75.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.731*		"	*0.831*		*88.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41627 - EPA 3550C											
LCS (BH41627-BS1) LCS									Prepared: 08/25/2024 Analyzed: 08/26/2024		
1,1-Biphenyl	0.749	0.0416	mg/kg wet	0.831		90.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.695	0.0830	"	0.831		83.7	21-131				
1,2,4-Trichlorobenzene	0.697	0.0416	"	0.831		83.9	10-140				
1,2-Dichlorobenzene	0.685	0.0416	"	0.831		82.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.728	0.0416	"	0.831		87.6	17-137				
1,3-Dichlorobenzene	0.684	0.0416	"	0.831		82.4	33-110				
1,4-Dichlorobenzene	0.685	0.0416	"	0.831		82.4	32-104				
2,3,4,6-Tetrachlorophenol	0.773	0.0830	"	0.831		93.1	30-130				
2,4,5-Trichlorophenol	0.757	0.0416	"	0.831		91.1	27-118				
2,4,6-Trichlorophenol	0.748	0.0416	"	0.831		90.0	31-120				
2,4-Dichlorophenol	0.768	0.0416	"	0.831		92.5	20-127				
2,4-Dimethylphenol	0.754	0.0416	"	0.831		90.8	14-132				
2,4-Dinitrophenol	0.127	0.0830	"	0.831		15.3	10-171				
2,4-Dinitrotoluene	0.945	0.0416	"	0.831		114	34-131				
2,6-Dinitrotoluene	0.957	0.0416	"	0.831		115	31-128				
2-Chloronaphthalene	0.725	0.0416	"	0.831		87.3	31-117				
2-Chlorophenol	0.744	0.0416	"	0.831		89.6	33-113				
2-Methylnaphthalene	0.716	0.0416	"	0.831		86.2	12-138				
2-Methylphenol	0.706	0.0416	"	0.831		85.0	10-136				
2-Nitroaniline	0.883	0.0830	"	0.831		106	27-132				
2-Nitrophenol	0.901	0.0416	"	0.831		109	17-129				
3- & 4-Methylphenols	0.611	0.0416	"	0.831		73.5	29-103				
3,3-Dichlorobenzidine	0.695	0.0416	"	0.831		83.7	22-149				
3-Nitroaniline	0.774	0.0830	"	0.831		93.2	20-133				
4,6-Dinitro-2-methylphenol	0.483	0.0830	"	0.831		58.2	10-143				
4-Bromophenyl phenyl ether	0.718	0.0416	"	0.831		86.4	29-120				
4-Chloro-3-methylphenol	0.811	0.0416	"	0.831		97.6	24-129				
4-Chloroaniline	0.586	0.0416	"	0.831		70.6	10-132				
4-Chlorophenyl phenyl ether	0.711	0.0416	"	0.831		85.6	27-124				
4-Nitroaniline	0.829	0.0830	"	0.831		99.8	16-128				
4-Nitrophenol	0.797	0.0830	"	0.831		96.0	10-141				
Acenaphthene	0.702	0.0416	"	0.831		84.6	30-121				
Acenaphthylene	0.689	0.0416	"	0.831		83.0	30-115				
Acetophenone	0.706	0.0416	"	0.831		85.0	20-112				
Aniline	0.549	0.166	"	0.831		66.1	10-119				
Anthracene	0.760	0.0416	"	0.831		91.5	34-118				
Atrazine	0.834	0.0416	"	0.831		100	26-112				
Benzaldehyde	0.572	0.0416	"	0.831		68.9	21-100				
Benzo(a)anthracene	0.730	0.0416	"	0.831		87.9	32-122				
Benzo(a)pyrene	0.702	0.0416	"	0.831		84.6	29-133				
Benzo(b)fluoranthene	0.745	0.0416	"	0.831		89.7	25-133				
Benzo(g,h,i)perylene	0.777	0.0416	"	0.831		93.5	10-143				
Benzo(k)fluoranthene	0.668	0.0416	"	0.831		80.5	25-128				
Benzoic acid	0.626	0.0416	"	0.831		75.4	10-140				
Benzyl alcohol	0.691	0.0416	"	0.831		83.2	30-115				
Benzyl butyl phthalate	0.833	0.0416	"	0.831		100	26-126				
Bis(2-chloroethoxy)methane	0.695	0.0416	"	0.831		83.7	19-132				
Bis(2-chloroethyl)ether	0.678	0.0416	"	0.831		81.7	19-125				
Bis(2-chloroisopropyl)ether	0.622	0.0416	"	0.831		74.9	20-135				
Bis(2-ethylhexyl)phthalate	0.793	0.0416	"	0.831		95.4	10-155				
Caprolactam	0.776	0.0830	"	0.831		93.5	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41627 - EPA 3550C											
LCS (BH41627-BS1) LCS								Prepared: 08/25/2024 Analyzed: 08/26/2024			
Carbazole	0.743	0.0416	mg/kg wet	0.831		89.4	35-123				
Chrysene	0.703	0.0416	"	0.831		84.6	32-123				
Dibenzo(a,h)anthracene	0.780	0.0416	"	0.831		93.9	10-136				
Dibenzofuran	0.708	0.0416	"	0.831		85.2	29-121				
Diethyl phthalate	0.776	0.0416	"	0.831		93.4	34-116				
Dimethyl phthalate	0.745	0.0416	"	0.831		89.7	35-124				
Di-n-butyl phthalate	0.781	0.0416	"	0.831		94.0	31-116				
Di-n-octyl phthalate	0.854	0.0416	"	0.831		103	26-136				
Diphenylamine	0.762	0.0830	"	0.831		91.8	40-140				
Fluoranthene	0.735	0.0416	"	0.831		88.5	33-122				
Fluorene	0.708	0.0416	"	0.831		85.2	29-123				
Hexachlorobenzene	0.862	0.0416	"	0.831		104	21-124				
Hexachlorobutadiene	0.714	0.0416	"	0.831		86.0	10-149				
Hexachlorocyclopentadiene	0.318	0.0416	"	0.831		38.3	10-129				
Hexachloroethane	0.751	0.0416	"	0.831		90.4	28-108				
Indeno(1,2,3-cd)pyrene	0.991	0.0416	"	0.831		119	10-135				
Isophorone	0.737	0.0416	"	0.831		88.7	20-132				
Naphthalene	0.727	0.0416	"	0.831		87.6	23-124				
Nitrobenzene	0.853	0.0416	"	0.831		103	13-132				
N-Nitrosodimethylamine	0.711	0.0416	"	0.831		85.6	11-129				
N-nitroso-di-n-propylamine	0.656	0.0416	"	0.831		79.0	24-119				
N-Nitrosodiphenylamine	0.714	0.0416	"	0.831		86.0	22-152				
Pentachlorophenol	0.0239	0.0416	"	0.831		2.88	10-139	Low Bias			
Phenanthrene	0.753	0.0416	"	0.831		90.7	33-123				
Phenol	0.766	0.0416	"	0.831		92.2	23-115				
Pyrene	0.782	0.0416	"	0.831		94.2	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.55*		*"*	*1.66*		*93.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.42*		*"*	*1.66*		*85.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.920*		*"*	*0.831*		*111*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.761*		*"*	*0.831*		*91.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.36*		*"*	*1.66*		*81.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.813*		*"*	*0.831*		*97.9*	*24-116*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41629 - EPA 3550C											
Blank (BH41629-BLK1) Blank									Prepared: 08/25/2024 Analyzed: 08/26/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*498*		*"*	*495*		*101*	*39-127.5*				
LCS (BH41629-BS1) LCS									Prepared: 08/25/2024 Analyzed: 08/26/2024		
1,4-Dioxane	483	19.8	ug/kg	495		97.6	40-130				
Surrogate: 1,4-Dioxane-d8	*556*		*"*	*495*		*112*	*39-127.5*				
Matrix Spike (BH41629-MS1) Matrix Spike *Source sample: 24H1664-03 (PE5_15)									Prepared: 08/25/2024 Analyzed: 08/26/2024		
1,4-Dioxane	580	19.8	ug/kg	495	ND	117	40-130				
Surrogate: 1,4-Dioxane-d8	*302*		*"*	*495*		*61.1*	*40-130*				
Matrix Spike Dup (BH41629-! Matrix Spike Dup *Source sample: 24H1664-03 (PE5_15)									Prepared: 08/25/2024 Analyzed: 08/26/2024		
1,4-Dioxane	482	19.8	ug/kg	495	ND	97.4	40-130		18.5	30	
Surrogate: 1,4-Dioxane-d8	*315*		*"*	*495*		*63.6*	*40-130*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
Blank (BH41764-BLK1) Blank									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.181	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.184	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.395	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.751	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.759	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.791	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.352	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.395	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.395	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.395	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.186	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.741	"								
HFPO-DA (Gen-X)	ND	0.791	"								
11CL-PF3OUdS	ND	0.747	"								
9CL-PF3ONS	ND	0.739	"								
ADONA	ND	0.747	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.988	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.94	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.94	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*3.70*		"	*2.30*		*161*	*25-150*				
Surrogate: M5PFHxA	*2.97*		"	*2.47*		*120*	*25-150*				
Surrogate: M4PFHpA	*4.28*		"	*2.47*		*173*	*25-150*				
Surrogate: M3PFHxS	*3.00*		"	*2.34*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.09*		"	*2.47*		*125*	*25-150*				
Surrogate: M6PFDA	*1.49*		"	*1.24*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.39*		"	*1.24*		*113*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.23*		"	*1.24*		*99.7*	*25-150*				
Surrogate: M2PFTeDA	*1.12*		"	*1.24*		*90.7*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
Blank (BH41764-BLK1) Blank								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.180*		*ug/kg wet*	*9.88*		*1.82*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.62*		*"*	*2.37*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.74*		*"*	*4.94*		*95.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.52*		*"*	*2.47*		*102*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.45*		*"*	*4.94*		*110*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.88*		*"*	*4.94*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*4.83*		*"*	*4.70*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*5.04*		*"*	*4.74*		*106*	*25-200*				
Surrogate: M9PFNA	*1.41*		*"*	*1.24*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*5.79*		*"*	*4.63*		*125*	*25-150*				
Surrogate: d-N-MeFOSA	*1.91*		*"*	*2.47*		*77.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.72*		*"*	*2.47*		*69.5*	*25-150*				
Surrogate: M3HFPO-DA	*9.76*		*"*	*9.88*		*98.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*21.2*		*"*	*24.7*		*85.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.6*		*"*	*24.7*		*83.5*	*25-150*				
LCS (BH41764-BS1) LCS								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Perfluorobutanesulfonic acid (PFBS)	3.48	0.175	ug/kg wet	3.49		99.8	50-150				
Perfluorohexanoic acid (PFHxA)	4.04	0.197	"	3.94		102	50-150				
Perfluoroheptanoic acid (PFHpA)	3.38	0.197	"	3.94		85.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.85	0.180	"	3.61		107	50-150				
Perfluorooctanoic acid (PFOA)	4.11	0.197	"	3.94		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.04	0.183	"	3.67		110	50-150				
Perfluorononanoic acid (PFNA)	4.31	0.197	"	3.94		109	50-150				
Perfluorodecanoic acid (PFDA)	4.44	0.197	"	3.94		113	50-150				
Perfluoroundecanoic acid (PFUnA)	4.36	0.197	"	3.94		111	50-150				
Perfluorododecanoic acid (PFDoA)	3.63	0.197	"	3.94		92.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.61	0.197	"	3.94		117	50-150				
Perfluorotetradecanoic acid (PFTA)	3.87	0.197	"	3.94		98.2	50-150				
N-MeFOSAA	4.15	0.197	"	3.94		105	50-150				
N-EtFOSAA	3.86	0.197	"	3.94		97.8	50-150				
Perfluoropentanoic acid (PFPeA)	8.29	0.394	"	7.89		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.55	0.197	"	3.94		89.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.02	0.197	"	3.77		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.80	0.190	"	3.81		99.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.1	0.750	"	15.0		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.6	0.757	"	15.1		103	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.0	0.789	"	15.8		94.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.50	0.351	"	7.02		107	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.4	0.394	"	7.89		132	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.784	0.394	"	7.89		9.94	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.41	0.394	"	7.89		119	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.05	0.185	"	3.71		109	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.2	0.740	"	14.8		103	50-150				
HFPO-DA (Gen-X)	10.1	0.789	"	7.89		128	50-150				
11CL-PF3OUdS	5.51	0.746	"	7.46		73.9	50-150				
9CL-PF3ONS	6.96	0.738	"	7.38		94.4	50-150				
ADONA	8.54	0.746	"	7.46		115	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS1) LCS									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Perfluorododecanesulfonic acid (PFDoS)	2.54	0.191	ug/kg wet	3.83		66.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.74	0.189	"	3.79		125	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.46	0.986	"	15.8		60.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	69.7	4.93	"	78.9		88.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	70.2	4.93	"	78.9		89.0	50-150				
N-MeFOSE	40.5	1.97	"	39.4		103	50-150				
N-MeFOSA	3.78	0.197	"	3.94		95.7	50-150				
N-EtFOSE	38.5	1.97	"	39.4		97.6	50-150				
N-EtFOSA	5.07	0.197	"	3.94		129	50-150				
Surrogate: M3PFBS	*3.57*		*"*	*2.30*		*155*	*25-150*				
Surrogate: M5PFHxA	*2.81*		*"*	*2.47*		*114*	*25-150*				
Surrogate: M4PFHpA	*3.85*		*"*	*2.47*		*156*	*25-150*				
Surrogate: M3PFHxS	*3.14*		*"*	*2.34*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		*"*	*2.47*		*123*	*25-150*				
Surrogate: M6PFDA	*1.45*		*"*	*1.23*		*117*	*25-150*				
Surrogate: M7PFUdA	*1.31*		*"*	*1.23*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.15*		*"*	*1.23*		*93.2*	*25-150*				
Surrogate: M2PFTeDA	*0.945*		*"*	*1.23*		*76.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.295*		*"*	*9.86*		*2.99*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.33*		*"*	*2.36*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.53*		*"*	*4.93*		*91.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.43*		*"*	*2.47*		*98.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.55*		*"*	*4.93*		*113*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.23*		*"*	*4.93*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*6.07*		*"*	*4.69*		*129*	*25-200*				
Surrogate: M2-8:2 FTS	*6.21*		*"*	*4.73*		*131*	*25-200*				
Surrogate: M9PFNA	*1.41*		*"*	*1.23*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*7.19*		*"*	*4.63*		*155*	*25-150*				
Surrogate: d-N-MeFOSA	*2.37*		*"*	*2.47*		*96.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.79*		*"*	*2.47*		*72.8*	*25-150*				
Surrogate: M3HFPO-DA	*8.75*		*"*	*9.86*		*88.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.9*		*"*	*24.7*		*76.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.6*		*"*	*24.7*		*75.6*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS2) LCS								Prepared: 08/27/2024 Analyzed: 08/29/2024			
Perfluorobutanesulfonic acid (PFBS)	0.696	0.177	ug/kg wet	0.708		98.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.742	0.200	"	0.800		92.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.591	0.200	"	0.800		73.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.820	0.183	"	0.732		112	50-150				
Perfluorooctanoic acid (PFOA)	0.757	0.200	"	0.800		94.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.595	0.186	"	0.744		79.9	50-150				
Perfluorononanoic acid (PFNA)	0.845	0.200	"	0.800		106	50-150				
Perfluorodecanoic acid (PFDA)	0.770	0.200	"	0.800		96.3	50-150				
Perfluoroundecanoic acid (PFUnA)	0.847	0.200	"	0.800		106	50-150				
Perfluorododecanoic acid (PFDoA)	0.617	0.200	"	0.800		77.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.895	0.200	"	0.800		112	50-150				
Perfluorotetradecanoic acid (PFTA)	0.716	0.200	"	0.800		89.5	50-150				
N-MeFOSAA	0.735	0.200	"	0.800		91.9	50-150				
N-EtFOSAA	0.682	0.200	"	0.800		85.2	50-150				
Perfluoropentanoic acid (PFPeA)	1.53	0.400	"	1.60		95.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.744	0.200	"	0.800		93.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.694	0.200	"	0.764		90.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.699	0.193	"	0.772		90.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.69	0.760	"	3.04		121	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.73	0.768	"	3.07		89.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.07	0.800	"	3.20		95.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.39	0.356	"	1.42		97.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.70	0.400	"	1.60		106	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.148	0.400	"	1.60		9.23	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.77	0.400	"	1.60		110	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.774	0.188	"	0.752		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.01	0.750	"	3.00		100	50-150				
HFPO-DA (Gen-X)	1.39	0.800	"	1.60		87.2	50-150				
11CL-PF3OUdS	1.33	0.756	"	1.51		88.0	50-150				
9CL-PF3ONS	1.24	0.748	"	1.50		83.2	50-150				
ADONA	1.96	0.756	"	1.51		130	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.490	0.194	"	0.776		63.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.843	0.192	"	0.768		110	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.21	1.00	"	3.20		37.8	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	12.9	5.00	"	16.0		80.7	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	12.7	5.00	"	16.0		79.1	50-150				
N-MeFOSE	7.94	2.00	"	8.00		99.3	50-150				
N-MeFOSA	0.646	0.200	"	0.800		80.7	50-150				
N-EtFOSE	7.36	2.00	"	8.00		92.0	50-150				
N-EtFOSA	0.584	0.200	"	0.800		73.0	50-150				
Surrogate: M3PFBS	*2.81*		"	*2.33*		*121*	*25-150*				
Surrogate: M5PFHxA	*2.63*		"	*2.50*		*105*	*25-150*				
Surrogate: M4PFHpA	*3.54*		"	*2.50*		*142*	*25-150*				
Surrogate: M3PFHxS	*2.53*		"	*2.37*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.67*		"	*2.50*		*107*	*25-150*				
Surrogate: M6PFDA	*1.32*		"	*1.25*		*106*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.25*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.08*		"	*1.25*		*86.7*	*25-150*				
Surrogate: M2PFTeDA	*0.927*		"	*1.25*		*74.2*	*10-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41764 - EPA 1633 Prep											
LCS (BH41764-BS2) LCS									Prepared: 08/27/2024 Analyzed: 08/29/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.290*		*ug/kg wet*	*10.0*		*2.90*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.40*		*97.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.21*		*"*	*5.00*		*84.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.12*		*"*	*2.50*		*84.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.62*		*"*	*5.00*		*92.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.68*		*"*	*5.00*		*93.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.81*		*"*	*4.76*		*80.1*	*25-200*				
Surrogate: M2-8:2 FTS	*4.13*		*"*	*4.80*		*85.9*	*25-200*				
Surrogate: M9PFNA	*1.28*		*"*	*1.25*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*5.15*		*"*	*4.69*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*1.92*		*"*	*2.50*		*76.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.66*		*"*	*2.50*		*66.3*	*25-150*				
Surrogate: M3HFPO-DA	*8.38*		*"*	*10.0*		*83.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.4*		*"*	*25.0*		*61.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.2*		*"*	*25.0*		*60.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41614 - EPA 3550C											
Blank (BH41614-BLK1) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0406*		*"*	*0.0664*		*61.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0508*		*"*	*0.0664*		*76.4*	*30-150*				
LCS (BH41614-BS1) LCS									Prepared: 08/24/2024 Analyzed: 08/26/2024		
4,4'-DDD	0.0214	0.00164	mg/kg wet	0.0332		64.5	40-140				
4,4'-DDE	0.0215	0.00164	"	0.0332		64.8	40-140				
4,4'-DDT	0.0233	0.00164	"	0.0332		70.0	40-140				
Aldrin	0.0217	0.00164	"	0.0332		65.4	40-140				
alpha-BHC	0.0227	0.00164	"	0.0332		68.3	40-140				
alpha-Chlordane	0.0236	0.00164	"	0.0332		70.9	40-140				
beta-BHC	0.0252	0.00164	"	0.0332		75.9	40-140				
delta-BHC	0.0222	0.00164	"	0.0332		66.8	40-140				
Dieldrin	0.0229	0.00164	"	0.0332		68.9	40-140				
Endosulfan I	0.0257	0.00164	"	0.0332		77.3	40-140				
Endosulfan II	0.0248	0.00164	"	0.0332		74.7	40-140				
Endosulfan sulfate	0.0228	0.00164	"	0.0332		68.8	40-140				
Endrin	0.0244	0.00164	"	0.0332		73.4	40-140				
Endrin aldehyde	0.0249	0.00164	"	0.0332		75.0	40-140				
Endrin ketone	0.0242	0.00164	"	0.0332		72.8	40-140				
gamma-BHC (Lindane)	0.0232	0.00164	"	0.0332		69.7	40-140				
gamma-Chlordane	0.0235	0.00164	"	0.0332		70.7	40-140				
Heptachlor	0.0255	0.00164	"	0.0332		76.7	40-140				
Heptachlor epoxide	0.0242	0.00164	"	0.0332		72.7	40-140				
Methoxychlor	0.0239	0.00164	"	0.0332		71.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0378*		*"*	*0.0664*		*56.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0462*		*"*	*0.0664*		*69.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41614 - EPA 3550C											
Blank (BH41614-BLK2) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0568*		*"*	*0.0664*		*85.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0312*		*"*	*0.0664*		*47.0*	*30-140*				
LCS (BH41614-BS2) LCS									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aroclor 1016	0.298	0.0166	mg/kg wet	0.332		89.6	40-130				
Aroclor 1260	0.268	0.0166	"	0.332		80.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0664*		*82.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0332*		*"*	*0.0664*		*50.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41903 - EPA 3550C/8151A											
Blank (BH41903-BLK1) Blank									Prepared: 08/28/2024 Analyzed: 08/29/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.551*		*"*	*0.415*		*133*	*21-150*				
LCS (BH41903-BS1) LCS									Prepared: 08/28/2024 Analyzed: 08/29/2024		
2,4,5-T	0.0772	0.0199	mg/kg wet	0.0664		116	10-120				
2,4,5-TP (Silvex)	0.0748	0.0199	"	0.0664		112	10-120				
2,4-D	0.0714	0.0199	"	0.0664		108	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.452*		*"*	*0.415*		*109*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41618 - EPA 3050B											
Blank (BH41618-BLK1) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BH41618-DUP1) Duplicate	*Source sample: 24H1664-03 (PE5_15)								Prepared: 08/24/2024 Analyzed: 08/26/2024		
Aluminum	7890	4.95	mg/kg dry		7380				6.58	35	
Antimony	ND	2.48	"		ND					35	
Arsenic	2.50	1.49	"		3.22				25.3	35	
Barium	29.2	2.47	"		12.8				77.9	35	Non-dir.
Beryllium	0.228	0.050	"		0.168				30.0	35	
Cadmium	ND	0.297	"		ND					35	
Calcium	1090	4.95	"		596				58.3	35	Non-dir.
Chromium	12.7	0.496	"		13.3				4.35	35	
Cobalt	3.15	0.396	"		5.29				50.7	35	Non-dir.
Copper	9.40	1.98	"		7.73				19.5	35	
Iron	7690	24.8	"		9660				22.8	35	
Lead	18.8	0.496	"		9.79				62.9	35	Non-dir.
Magnesium	1300	4.96	"		1360				4.19	35	
Manganese	65.2	0.496	"		55.4				16.4	35	
Nickel	9.34	0.987	"		10.7				13.3	35	
Potassium	469	4.96	"		439				6.64	35	
Selenium	ND	2.48	"		ND					35	
Silver	ND	0.499	"		ND					35	
Sodium	69.2	49.5	"		ND					35	
Thallium	ND	2.48	"		ND					35	
Vanadium	15.4	0.987	"		16.8				8.85	35	
Zinc	32.2	2.47	"		20.9				42.6	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41618 - EPA 3050B											
Matrix Spike (BH41618-MS1) Matrix Spike	*Source sample: 24H1664-03 (PE5_15)							Prepared: 08/24/2024 Analyzed: 08/26/2024			
Aluminum	7830	4.95	mg/kg dry	198	7380	226	75-125	High Bias			
Antimony	10.7	2.48	"	24.8	ND	43.1	75-125	Low Bias			
Arsenic	193	1.49	"	198	3.22	95.5	75-125				
Barium	210	2.47	"	198	12.8	99.4	75-125				
Beryllium	5.10	0.050	"	4.95	0.168	99.6	75-125				
Cadmium	4.83	0.297	"	4.95	ND	97.4	75-125				
Calcium	685	4.95	"	99.1	596	90.5	75-125				
Chromium	33.5	0.496	"	19.8	13.3	102	75-125				
Cobalt	54.8	0.396	"	49.5	5.29	99.9	75-125				
Copper	33.8	1.98	"	24.8	7.73	105	75-125				
Iron	9280	24.8	"	99.1	9660	NR	75-125	Low Bias			
Lead	55.2	0.496	"	49.5	9.79	91.7	75-125				
Magnesium	1600	4.96	"	99.1	1360	238	75-125	High Bias			
Manganese	108	0.496	"	49.5	55.4	106	75-125				
Nickel	61.1	0.987	"	49.5	10.7	102	75-125				
Potassium	506	4.96	"	99.1	439	67.9	75-125	Low Bias			
Selenium	185	2.48	"	198	ND	93.4	75-125				
Silver	4.89	0.499	"	4.95	ND	98.8	75-125				
Sodium	324	49.5	"	99.1	ND	327	75-125	High Bias			
Thallium	192	2.48	"	198	ND	96.7	75-125				
Vanadium	66.2	0.987	"	49.5	16.8	99.6	75-125				
Zinc	67.4	2.47	"	49.5	20.9	93.9	75-125				
Post Spike (BH41618-PS1) Post Spike	*Source sample: 24H1664-03 (PE5_15)							Prepared: 08/24/2024 Analyzed: 08/26/2024			
Aluminum	76.3		ug/mL	2.00	74.5	88.5	75-125				
Antimony	0.263		"	0.250	-0.008	105	75-125				
Arsenic	2.08		"	2.00	0.032	102	75-125				
Barium	2.27		"	2.00	0.130	107	75-125				
Beryllium	0.055		"	0.0500	0.002	107	75-125				
Cadmium	0.052		"	0.0500	0.0004	103	75-125				
Calcium	7.02		"	1.00	6.01	100	75-125				
Chromium	0.347		"	0.200	0.134	107	75-125				
Cobalt	0.606		"	0.500	0.053	110	75-125				
Copper	0.370		"	0.250	0.078	117	75-125				
Iron	98.0		"	1.00	97.5	51.9	75-125	Low Bias			
Lead	0.624		"	0.500	0.099	105	75-125				
Magnesium	14.7		"	1.00	13.7	101	75-125				
Manganese	1.08		"	0.500	0.559	105	75-125				
Nickel	0.664		"	0.500	0.108	111	75-125				
Potassium	5.67		"	1.00	4.43	125	75-125				
Selenium	1.98		"	2.00	-0.0002	99.0	75-125				
Silver	0.048		"	0.0500	-0.0003	96.4	75-125				
Sodium	3.63		"	1.00	0.454	317	75-125	High Bias			
Thallium	2.05		"	2.00	-0.0002	102	75-125				
Vanadium	0.700		"	0.500	0.170	106	75-125				
Zinc	0.741		"	0.500	0.211	106	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41618 - EPA 3050B											
Reference (BH41618-SRM1) Reference								Prepared: 08/24/2024 Analyzed: 08/26/2024			
Aluminum	7160	4.17	mg/kg wet	7680		93.2	46.7-129.9				
Antimony	74.8	2.08	"	257		29.1	1-100				
Arsenic	307	1.25	"	360		85.3	70.6-102.2				
Barium	288	2.08	"	332		86.6	75-108.1				
Beryllium	171	0.042	"	183		93.4	76.5-108.2				
Cadmium	207	0.250	"	238		86.9	73.5-105				
Calcium	5060	4.17	"	5490		92.2	77.2-110.9				
Chromium	184	0.417	"	199		92.7	73.4-107				
Cobalt	85.2	0.333	"	88.7		96.0	76.6-107.6				
Copper	229	1.67	"	227		101	74.9-105.7				
Iron	6450	20.8	"	7360		87.6	51.1-125.8				
Lead	91.7	0.417	"	100		91.7	75.9-110				
Magnesium	1780	4.17	"	1900		93.6	67.4-111.1				
Manganese	515	0.417	"	591		87.2	72.6-107.1				
Nickel	321	0.830	"	342		93.9	75.4-107.6				
Potassium	1370	4.17	"	1500		91.7	66.1-116.7				
Selenium	159	2.08	"	170		93.4	78.2-115.9				
Silver	75.1	0.420	"	88.6		84.8	73.9-112				
Sodium	615	41.7	"	527		117	68.5-115.9	High Bias			
Thallium	206	2.08	"	226		91.0	73.5-108.4				
Vanadium	106	0.830	"	118		89.7	68.1-106.8				
Zinc	167	2.08	"	183		91.2	72.7-109.3				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41615 - EPA 7473 soil											
Blank (BH41615-BLK1) Blank									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH41615-SRM1) Reference									Prepared: 08/24/2024 Analyzed: 08/26/2024		
Mercury	19.495		mg/kg	18.2		107	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41640 - Analysis Preparation Soil											
Blank (BH41640-BLK1) Blank								Prepared & Analyzed: 08/26/2024			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH41640-SRM1) Reference								Prepared & Analyzed: 08/26/2024			
Cyanide, total	50.3		ug/mL	59.7		84.2	38.5-161.4				
Batch BH41671 - EPA SW846-3060											
Blank (BH41671-BLK1) Blank								Prepared & Analyzed: 08/26/2024			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BH41671-SRM1) Reference								Prepared & Analyzed: 08/26/2024			
Chromium, Hexavalent	275		mg/L	227		121	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1664-01	TB-08232024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H1664-02	PE4_15	40mL Vial with Stir Bar-Cool 4° C
24H1664-03	PE5_15	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: Per client request, the following sample IDs were updated to remove the dash after PE in the ID nomenclature.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 24A1664

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company: SAME
Address: 300 Kimball Dr Parsippany NJ 07054	Address:
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: LKott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 — 1209G Flatlands Avenue

PO Number:

Samples Collected From: NY [X] CT [ ] NJ [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day [ ] RUSH - Two Day [ ] RUSH - Three Day [ ] RUSH - Four Day [ ] RUSH - Five Day [ ] Standard (6-9 Day) [X] PFAS Standard 7-10 Day [ ]

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

Samples Collected by: (print AND sign your name) Kyle S. Godfrey

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pesticides (Herbicides)	Cyanide	TAL Metals	Cr 6/Cr 3	PFAS	1,4-dioxane				Grab or Comp. G/C
TB-08232024	8/23		LIQ		2									X											
PE-4-15	↓	9:30	SOIL	3									1	X	X	X	X	X	X	X	X				
PE-6-15	↓	9:40	SOIL	3									1	X	X	X	X	X	X	X	X				

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered [ ] Lab Filtered [ ]

Comments: * TAL Metals and PCBs 1 DAY TAT *

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Kyle S. Godfrey LANGAN	8/23 1540	[illegible]	8/23/24 1540	[illegible]	8/23/24 1635
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
[illegible]	8/23/24 1635 4.2	[illegible]	8/23/24 1700	[illegible]	8/23 1800
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
[illegible]	8/23 1700			[illegible]	8/23/24 2030 1.7 Degrees C

20:30

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/06/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1973

Report Date: 09/06/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H1973

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 28, 2024 and listed below. The project was identified as your project: **100688801**.

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

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

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

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1973-01	PE08_16	Soil	08/28/2024	08/28/2024
24H1973-02	TB_08282024	Water	08/28/2024	08/28/2024

General Notes for York Project (SDG) No.: 24H1973

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 09/06/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	08/29/2024 11:00	08/29/2024 14:29	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.1 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CAL-E	mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	08/30/2024 14:10	08/31/2024 19:27	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	09/03/2024 08:38	09/04/2024 16:48	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*75.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0578	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.200	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.436	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-CCV-L	ug/kg dry	0.208	0.211	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.649	0.829	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.824	0.838	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.873	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.388	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.436	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0676	0.436	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.436	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.205	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.649	0.818	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.663	0.873	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.339	0.825	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.268	0.816	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.825	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.184	0.212	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.209	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.692	1.09	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.45	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.45	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.666	2.18	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.760	2.18	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	09/03/2024 08:34	09/04/2024 23:31	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*85.5 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*84.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*84.8 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*88.9 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*90.5 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*96.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*76.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*67.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*48.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.52 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.8 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*66.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*84.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*87.1 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*90.4 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*133 %*		*25-200*

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*92.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*82.9 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*207 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*57.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*91.0 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*31.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*26.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	08/30/2024 12:29	08/31/2024 00:42	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	08/30/2024 12:29	08/31/2024 01:59	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND	S-D	mg/kg dry	0.0219	1	EPA 8151A	08/29/2024 14:47	08/31/2024 13:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND	S-D	mg/kg dry	0.0219	1	EPA 8151A	08/29/2024 14:47	08/31/2024 13:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND	S-D	mg/kg dry	0.0219	1	EPA 8151A	08/29/2024 14:47	08/31/2024 13:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*55.1 %*	S-D	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5480**		mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.95**		mg/kg dry	1.39	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**12.3**		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**519**		mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**11.3**		mg/kg dry	0.462	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.40**		mg/kg dry	0.369	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**8.47**		mg/kg dry	1.85	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8890**		mg/kg dry	23.1	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.72**		mg/kg dry	0.462	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1870**		mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**62.0**		mg/kg dry	0.462	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.4**		mg/kg dry	0.920	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**568**	B	mg/kg dry	4.62	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**50.8**		mg/kg dry	46.2	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**13.6**		mg/kg dry	0.920	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.3**		mg/kg dry	2.30	1	EPA 6010D	08/29/2024 12:15	09/03/2024 12:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0332	1	EPA 7473	08/30/2024 13:36	08/31/2024 15:08	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	08/30/2024 09:07	08/30/2024 16:22	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**11.3**		mg/kg	0.500	1	Calculation	09/04/2024 17:19	09/04/2024 18:03	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C	08/30/2024 07:38	08/30/2024 15:02	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE08_16 **York Sample ID:** 24H1973-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Soil	August 28, 2024 9:30 am	08/28/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	08/30/2024 13:10	08/31/2024 12:34	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: TB_08282024 **York Sample ID:** 24H1973-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Water	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08282024 **York Sample ID:** 24H1973-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Water	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**1.39**		ug/L	0.422	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08282024 **York Sample ID:** 24H1973-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Water	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	ug/L	0.491	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	QL-02	ug/L	0.244	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE	ug/L	0.608	1.00	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08282024 **York Sample ID:** 24H1973-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1973	100688801	Water	August 28, 2024 9:30 am	08/28/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/L	0.229	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/29/2024 11:00	08/29/2024 14:30	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*84.8 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*128 %*	*70-130*

Analytical Batch Summary

Batch ID: BH41988 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/29/24
BH41988-BLK1	Blank	08/29/24
BH41988-SRM1	Reference	08/29/24

Batch ID: BH41998 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/29/24
BH41998-BLK1	Blank	08/29/24
BH41998-BS1	LCS	08/29/24

Batch ID: BH42016 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/29/24
BH42016-BLK1	Blank	08/29/24
BH42016-BS1	LCS	08/29/24
BH42016-BSD1	LCS Dup	08/29/24

Batch ID: BH42018 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-02	TB_08282024	08/29/24
BH42018-BLK1	Blank	08/29/24
BH42018-BS1	LCS	08/29/24
BH42018-BSD1	LCS Dup	08/29/24

Batch ID: BH42045 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24

Batch ID: BH42050 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
BH42050-BLK1	Blank	08/30/24
BH42050-SRM1	Reference	08/30/24

Batch ID: BH42076 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
BH42076-BLK1	Blank	08/30/24
BH42076-DUP1	Duplicate	08/30/24
BH42076-MS1	Matrix Spike	08/30/24
BH42076-MSD1	Matrix Spike Dup	08/30/24
BH42076-SRM1	Reference	08/30/24

Batch ID: BH42095 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
24H1973-01	PE08_16	08/30/24
BH42095-BLK1	Blank	08/30/24
BH42095-BLK2	Blank	08/30/24
BH42095-BS1	LCS	08/30/24
BH42095-BS2	LCS	08/30/24

Batch ID: BH42096 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
BH42096-BLK1	Blank	08/30/24
BH42096-SRM1	Reference	08/30/24

Batch ID: BH42098 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	08/30/24
BH42098-BLK1	Blank	08/30/24
BH42098-BS1	LCS	08/30/24

Batch ID: BI40040 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	09/03/24
BI40040-BLK1	Blank	09/03/24
BI40040-BS1	LCS	09/03/24
BI40040-BS2	LCS	09/03/24

Batch ID: BI40042 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	09/03/24
BI40042-BLK1	Blank	09/03/24
BI40042-BS1	LCS	09/03/24

Batch ID: BI40189 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H1973-01	PE08_16	09/04/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
Blank (BH42016-BLK1) Blank									Prepared & Analyzed: 08/29/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
Blank (BH42016-BLK1) Blank								Prepared & Analyzed: 08/29/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.0*		*ug/L*	*50.0*		*96.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.3*	*76-130*				
LCS (BH42016-BS1) LCS								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	49.6		ug/L	50.0		99.2	75-129			30	
1,1,1-Trichloroethane	49.0		"	50.0		97.9	70-130			30	
1,1,2,2-Tetrachloroethane	50.5		"	50.0		101	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.5		"	50.0		103	70-130			30	
1,1,2-Trichloroethane	49.3		"	50.0		98.6	70-130			30	
1,1-Dichloroethane	48.7		"	50.0		97.5	70-130			30	
1,1-Dichloroethylene	54.9		"	50.0		110	70-130			30	
1,1-Dichloropropylene	52.0		"	50.0		104	77-127			30	
1,2,3-Trichlorobenzene	50.9		"	50.0		102	70-130			30	
1,2,3-Trichloropropane	47.3		"	50.0		94.6	81-126			30	
1,2,4-Trichlorobenzene	50.0		"	50.0		100	70-130			30	
1,2,4-Trimethylbenzene	51.6		"	50.0		103	84-125			30	
1,2-Dibromo-3-chloropropane	44.4		"	50.0		88.8	40-160			30	
1,2-Dibromoethane	49.0		"	50.0		97.9	70-130			30	
1,2-Dichlorobenzene	46.7		"	50.0		93.5	70-130			30	
1,2-Dichloroethane	49.3		"	50.0		98.6	70-130			30	
1,2-Dichloropropane	53.7		"	50.0		107	70-130			30	
1,3,5-Trimethylbenzene	50.5		"	50.0		101	82-126			30	
1,3-Dichlorobenzene	48.1		"	50.0		96.2	70-130			30	
1,3-Dichloropropane	49.6		"	50.0		99.1	83-123			30	
1,4-Dichlorobenzene	48.3		"	50.0		96.6	70-130			30	
1,4-Dioxane	947		"	1050		90.2	40-160			30	
2,2-Dichloropropane	51.6		"	50.0		103	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
LCS (BH42016-BS1) LCS							Prepared & Analyzed: 08/29/2024				
2-Butanone	51.9		ug/L	50.0		104	40-160			30	
2-Chlorotoluene	48.9		"	50.0		97.8	78-127			30	
2-Hexanone	47.2		"	50.0		94.3	40-160			30	
4-Chlorotoluene	51.0		"	50.0		102	79-125			30	
4-Methyl-2-pentanone	45.2		"	50.0		90.5	40-160			30	
Acetone	45.0		"	50.0		89.9	40-160			30	
Acrolein	17.5		"	50.0		35.0	10-238			30	
Acrylonitrile	53.0		"	50.0		106	66-141			30	
Benzene	51.3		"	50.0		103	70-130			30	
Bromobenzene	48.0		"	50.0		96.0	77-129			30	
Bromochloromethane	49.4		"	50.0		98.7	70-130			30	
Bromodichloromethane	48.9		"	50.0		97.8	70-130			30	
Bromoform	48.4		"	50.0		96.9	70-130			30	
Bromomethane	47.8		"	50.0		95.6	40-160			30	
Carbon disulfide	54.4		"	50.0		109	40-160			30	
Carbon tetrachloride	51.9		"	50.0		104	70-130			30	
Chlorobenzene	48.2		"	50.0		96.5	70-130			30	
Chloroethane	46.2		"	50.0		92.5	51-142			30	
Chloroform	49.0		"	50.0		98.1	70-130			30	
Chloromethane	50.9		"	50.0		102	49-132			30	
cis-1,2-Dichloroethylene	45.9		"	50.0		91.8	70-130			30	
cis-1,3-Dichloropropylene	50.5		"	50.0		101	70-130			30	
Cyclohexane	51.3		"	50.0		103	70-130			30	
Dibromochloromethane	48.0		"	50.0		96.0	70-130			30	
Dibromomethane	48.2		"	50.0		96.4	83-124			30	
Dichlorodifluoromethane	59.9		"	50.0		120	40-160			30	
Ethyl Benzene	50.0		"	50.0		100	70-130			30	
Hexachlorobutadiene	50.0		"	50.0		99.9	83-133			30	
Isopropylbenzene	50.2		"	50.0		100	70-130			30	
Methyl acetate	46.5		"	50.0		93.0	70-130			30	
Methyl tert-butyl ether (MTBE)	48.1		"	50.0		96.2	70-130			30	
Methylcyclohexane	49.8		"	50.0		99.6	70-130			30	
Methylene chloride	49.3		"	50.0		98.6	70-130			30	
n-Butylbenzene	49.6		"	50.0		99.3	80-130			30	
n-Propylbenzene	49.8		"	50.0		99.6	74-136			30	
o-Xylene	47.8		"	50.0		95.6	70-130			30	
p- & m- Xylenes	99.0		"	100		99.0	70-130			30	
p-Isopropyltoluene	50.2		"	50.0		100	85-125			30	
sec-Butylbenzene	49.7		"	50.0		99.4	83-125			30	
Styrene	50.2		"	50.0		100	70-130			30	
tert-Butyl alcohol (TBA)	227		"	250		90.9	70-130			30	
tert-Butylbenzene	47.7		"	50.0		95.4	80-127			30	
Tetrachloroethylene	43.8		"	50.0		87.5	70-130			30	
Toluene	48.8		"	50.0		97.7	70-130			30	
trans-1,2-Dichloroethylene	48.7		"	50.0		97.5	70-130			30	
trans-1,3-Dichloropropylene	50.2		"	50.0		100	70-130			30	
Trichloroethylene	48.8		"	50.0		97.6	70-130			30	
Trichlorofluoromethane	48.0		"	50.0		96.0	40-160			30	
Vinyl Chloride	52.1		"	50.0		104	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.7*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
LCS (BH42016-BS1) LCS								Prepared & Analyzed: 08/29/2024			
Surrogate: SURR: p-Bromofluorobenzene	*47.4*		*ug/L*	*50.0*		*94.9*	*76-130*				
LCS Dup (BH42016-BSD1) LCS Dup								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	52.0		ug/L	50.0		104	75-129		4.68	30	
1,1,1-Trichloroethane	49.3		"	50.0		98.6	70-130		0.651	30	
1,1,2,2-Tetrachloroethane	50.1		"	50.0		100	70-130		0.835	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.7		"	50.0		103	70-130		0.310	30	
1,1,2-Trichloroethane	51.4		"	50.0		103	70-130		4.07	30	
1,1-Dichloroethane	49.6		"	50.0		99.1	70-130		1.71	30	
1,1-Dichloroethylene	55.1		"	50.0		110	70-130		0.363	30	
1,1-Dichloropropylene	51.6		"	50.0		103	77-127		0.695	30	
1,2,3-Trichlorobenzene	49.8		"	50.0		99.5	70-130		2.23	30	
1,2,3-Trichloropropane	50.8		"	50.0		102	81-126		7.17	30	
1,2,4-Trichlorobenzene	53.0		"	50.0		106	70-130		5.86	30	
1,2,4-Trimethylbenzene	52.8		"	50.0		106	84-125		2.38	30	
1,2-Dibromo-3-chloropropane	48.7		"	50.0		97.5	40-160		9.27	30	
1,2-Dibromoethane	48.4		"	50.0		96.8	70-130		1.19	30	
1,2-Dichlorobenzene	49.3		"	50.0		98.5	70-130		5.27	30	
1,2-Dichloroethane	50.5		"	50.0		101	70-130		2.39	30	
1,2-Dichloropropane	52.3		"	50.0		105	70-130		2.62	30	
1,3,5-Trimethylbenzene	50.0		"	50.0		100	82-126		0.975	30	
1,3-Dichlorobenzene	49.3		"	50.0		98.5	70-130		2.38	30	
1,3-Dichloropropane	51.4		"	50.0		103	83-123		3.61	30	
1,4-Dichlorobenzene	49.1		"	50.0		98.2	70-130		1.70	30	
1,4-Dioxane	932		"	1050		88.8	40-160		1.59	30	
2,2-Dichloropropane	52.4		"	50.0		105	67-136		1.48	30	
2-Butanone	60.0		"	50.0		120	40-160		14.3	30	
2-Chlorotoluene	50.5		"	50.0		101	78-127		3.24	30	
2-Hexanone	48.0		"	50.0		96.0	40-160		1.83	30	
4-Chlorotoluene	48.7		"	50.0		97.4	79-125		4.59	30	
4-Methyl-2-pentanone	45.4		"	50.0		90.9	40-160		0.463	30	
Acetone	42.8		"	50.0		85.6	40-160		4.92	30	
Acrolein	18.9		"	50.0		37.8	10-238		7.75	30	
Acrylonitrile	55.3		"	50.0		111	66-141		4.30	30	
Benzene	53.2		"	50.0		106	70-130		3.68	30	
Bromobenzene	50.6		"	50.0		101	77-129		5.34	30	
Bromochloromethane	51.4		"	50.0		103	70-130		4.01	30	
Bromodichloromethane	50.8		"	50.0		102	70-130		3.77	30	
Bromoform	53.1		"	50.0		106	70-130		9.12	30	
Bromomethane	47.3		"	50.0		94.7	40-160		1.01	30	
Carbon disulfide	57.6		"	50.0		115	40-160		5.80	30	
Carbon tetrachloride	53.9		"	50.0		108	70-130		3.67	30	
Chlorobenzene	50.7		"	50.0		101	70-130		5.03	30	
Chloroethane	51.9		"	50.0		104	51-142		11.5	30	
Chloroform	49.9		"	50.0		99.7	70-130		1.66	30	
Chloromethane	52.5		"	50.0		105	49-132		3.08	30	
cis-1,2-Dichloroethylene	45.6		"	50.0		91.2	70-130		0.634	30	
cis-1,3-Dichloropropylene	52.8		"	50.0		106	70-130		4.53	30	
Cyclohexane	52.4		"	50.0		105	70-130		2.10	30	
Dibromochloromethane	49.9		"	50.0		99.7	70-130		3.80	30	
Dibromomethane	48.8		"	50.0		97.6	83-124		1.26	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42016 - EPA 5035A											
LCS Dup (BH42016-BSD1) LCS Dup							Prepared & Analyzed: 08/29/2024				
Dichlorodifluoromethane	59.8		ug/L	50.0		120	40-160		0.150	30	
Ethyl Benzene	50.9		"	50.0		102	70-130		1.70	30	
Hexachlorobutadiene	50.3		"	50.0		101	83-133		0.599	30	
Isopropylbenzene	51.5		"	50.0		103	70-130		2.66	30	
Methyl acetate	49.8		"	50.0		99.5	70-130		6.75	30	
Methyl tert-butyl ether (MTBE)	52.1		"	50.0		104	70-130		8.04	30	
Methylcyclohexane	49.1		"	50.0		98.1	70-130		1.50	30	
Methylene chloride	50.0		"	50.0		100	70-130		1.47	30	
n-Butylbenzene	50.5		"	50.0		101	80-130		1.82	30	
n-Propylbenzene	51.3		"	50.0		103	74-136		2.87	30	
o-Xylene	50.4		"	50.0		101	70-130		5.24	30	
p- & m- Xylenes	101		"	100		101	70-130		2.48	30	
p-Isopropyltoluene	52.0		"	50.0		104	85-125		3.38	30	
sec-Butylbenzene	51.0		"	50.0		102	83-125		2.50	30	
Styrene	52.0		"	50.0		104	70-130		3.52	30	
tert-Butyl alcohol (TBA)	231		"	250		92.4	70-130		1.67	30	
tert-Butylbenzene	48.7		"	50.0		97.5	80-127		2.16	30	
Tetrachloroethylene	44.8		"	50.0		89.6	70-130		2.33	30	
Toluene	50.8		"	50.0		102	70-130		3.93	30	
trans-1,2-Dichloroethylene	51.0		"	50.0		102	70-130		4.47	30	
trans-1,3-Dichloropropylene	49.6		"	50.0		99.2	70-130		1.24	30	
Trichloroethylene	50.5		"	50.0		101	70-130		3.42	30	
Trichlorofluoromethane	48.4		"	50.0		96.7	40-160		0.726	30	
Vinyl Chloride	52.3		"	50.0		105	70-130		0.402	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.3*		*"*	*50.0*		*96.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
Blank (BH42018-BLK1) Blank									Prepared & Analyzed: 08/29/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.340	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
Blank (BH42018-BLK1) Blank								Prepared & Analyzed: 08/29/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.55*		*"*	*10.0*		*95.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*70-130*				
LCS (BH42018-BS1) LCS								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	9.17		ug/L	10.0		91.7	82-126			30	
1,1,1-Trichloroethane	9.54		"	10.0		95.4	70-130			20	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130			20	
1,1,2-Trichloroethane	8.63		"	10.0		86.3	70-130			20	
1,1-Dichloroethane	9.43		"	10.0		94.3	70-130			20	
1,1-Dichloroethylene	11.2		"	10.0		112	70-130			20	
1,1-Dichloropropylene	10.2		"	10.0		102	83-133			30	
1,2,3-Trichlorobenzene	8.70		"	10.0		87.0	70-130			20	
1,2,3-Trichloropropane	12.7		"	10.0		127	77-128			30	
1,2,4-Trichlorobenzene	6.29		"	10.0		62.9	70-130	Low Bias		20	
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132			20	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	40-160			20	
1,2-Dibromoethane	8.40		"	10.0		84.0	70-130			20	
1,2-Dichlorobenzene	9.36		"	10.0		93.6	70-130			20	
1,2-Dichloroethane	8.27		"	10.0		82.7	70-130			20	
1,2-Dichloropropane	10.2		"	10.0		102	70-130			20	
1,3,5-Trimethylbenzene	12.6		"	10.0		126	80-131			30	
1,3-Dichlorobenzene	10.1		"	10.0		101	70-130			20	
1,3-Dichloropropane	8.80		"	10.0		88.0	81-125			30	
1,4-Dichlorobenzene	9.75		"	10.0		97.5	70-130			20	
1,4-Dioxane	149		"	210		71.1	40-160			20	
2,2-Dichloropropane	10.1		"	10.0		101	56-150			30	
2-Butanone	8.39		"	10.0		83.9	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
LCS (BH42018-BS1) LCS								Prepared & Analyzed: 08/29/2024			
2-Chlorotoluene	12.0		ug/L	10.0		120	79-130			30	
2-Hexanone	6.92		"	10.0		69.2	40-160			20	
4-Chlorotoluene	11.9		"	10.0		119	79-128			30	
4-Methyl-2-pentanone	6.90		"	10.0		69.0	40-160			20	
Acetone	10.0		"	10.0		100	40-160			20	
Acrolein	6.29		"	10.0		62.9	10-153			30	
Acrylonitrile	7.71		"	10.0		77.1	51-150			30	
Benzene	9.73		"	10.0		97.3	70-130			20	
Bromobenzene	11.6		"	10.0		116	78-129			30	
Bromochloromethane	8.41		"	10.0		84.1	70-130			20	
Bromodichloromethane	9.12		"	10.0		91.2	70-130			20	
Bromoform	7.69		"	10.0		76.9	70-130			20	
Bromomethane	10.0		"	10.0		100	40-160			20	
Carbon disulfide	11.1		"	10.0		111	40-160			20	
Carbon tetrachloride	10.1		"	10.0		101	70-130			20	
Chlorobenzene	9.31		"	10.0		93.1	70-130			20	
Chloroethane	10.0		"	10.0		100	40-160			20	
Chloroform	9.10		"	10.0		91.0	70-130			20	
Chloromethane	10.6		"	10.0		106	40-160			20	
cis-1,2-Dichloroethylene	9.29		"	10.0		92.9	70-130			20	
cis-1,3-Dichloropropylene	8.64		"	10.0		86.4	70-130			20	
Cyclohexane	8.90		"	10.0		89.0	70-130			20	
Dibromochloromethane	8.55		"	10.0		85.5	70-130			20	
Dibromomethane	8.87		"	10.0		88.7	72-134			30	
Dichlorodifluoromethane	12.7		"	10.0		127	40-160			20	
Ethyl Benzene	10.5		"	10.0		105	70-130			20	
Hexachlorobutadiene	7.05		"	10.0		70.5	67-146			30	
Isopropylbenzene	13.9		"	10.0		139	70-130	High Bias		20	
Methyl acetate	7.57		"	10.0		75.7	70-130			20	
Methyl tert-butyl ether (MTBE)	6.54		"	10.0		65.4	70-130	Low Bias		20	
Methylcyclohexane	11.3		"	10.0		113	70-130			20	
Methylene chloride	9.00		"	10.0		90.0	70-130			20	
n-Butylbenzene	10.8		"	10.0		108	79-132			30	
n-Propylbenzene	13.5		"	10.0		135	78-133	High Bias		30	
o-Xylene	9.67		"	10.0		96.7	70-130			20	
p- & m- Xylenes	20.7		"	20.0		103	70-130			20	
p-Isopropyltoluene	12.5		"	10.0		125	81-136			30	
sec-Butylbenzene	12.8		"	10.0		128	79-137			30	
Styrene	9.09		"	10.0		90.9	70-130			20	
tert-Butyl alcohol (TBA)	13.5		"	50.0		27.1	25-162			30	
tert-Butylbenzene	11.9		"	10.0		119	77-138			30	
Tetrachloroethylene	10.2		"	10.0		102	70-130			20	
Toluene	10.5		"	10.0		105	70-130			20	
trans-1,2-Dichloroethylene	9.97		"	10.0		99.7	70-130			20	
trans-1,3-Dichloropropylene	7.54		"	10.0		75.4	70-130			20	
Trichloroethylene	10.5		"	10.0		105	70-130			20	
Trichlorofluoromethane	9.99		"	10.0		99.9	40-160			20	
Vinyl Chloride	10.7		"	10.0		107	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.48*		*"*	*10.0*		*84.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.9*		*"*	*10.0*		*109*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*12.0*		*"*	*10.0*		*120*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
LCS (BH42018-BS1) LCS								Prepared & Analyzed: 08/29/2024			
LCS Dup (BH42018-BSD1) LCS Dup								Prepared & Analyzed: 08/29/2024			
1,1,1,2-Tetrachloroethane	9.74		ug/L	10.0		97.4	82-126		6.03	30	
1,1,1-Trichloroethane	9.30		"	10.0		93.0	70-130		2.55	20	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	70-130		3.66	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-130		3.01	20	
1,1,2-Trichloroethane	9.73		"	10.0		97.3	70-130		12.0	20	
1,1-Dichloroethane	9.57		"	10.0		95.7	70-130		1.47	20	
1,1-Dichloroethylene	10.6		"	10.0		106	70-130		5.48	20	
1,1-Dichloropropylene	9.77		"	10.0		97.7	83-133		3.91	30	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	70-130		24.5	20	Non-dir.
1,2,3-Trichloropropane	12.3		"	10.0		123	77-128		3.03	30	
1,2,4-Trichlorobenzene	8.08		"	10.0		80.8	70-130		24.9	20	Non-dir.
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		7.73	20	
1,2-Dibromo-3-chloropropane	12.5		"	10.0		125	40-160		19.5	20	
1,2-Dibromoethane	9.18		"	10.0		91.8	70-130		8.87	20	
1,2-Dichlorobenzene	9.55		"	10.0		95.5	70-130		2.01	20	
1,2-Dichloroethane	9.42		"	10.0		94.2	70-130		13.0	20	
1,2-Dichloropropane	9.92		"	10.0		99.2	70-130		2.29	20	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131		13.1	30	
1,3-Dichlorobenzene	9.72		"	10.0		97.2	70-130		3.54	20	
1,3-Dichloropropane	9.60		"	10.0		96.0	81-125		8.70	30	
1,4-Dichlorobenzene	9.43		"	10.0		94.3	70-130		3.34	20	
1,4-Dioxane	183		"	210		87.3	40-160		20.5	20	Non-dir.
2,2-Dichloropropane	9.83		"	10.0		98.3	56-150		2.41	30	
2-Butanone	8.91		"	10.0		89.1	40-160		6.01	20	
2-Chlorotoluene	10.4		"	10.0		104	79-130		14.7	30	
2-Hexanone	8.82		"	10.0		88.2	40-160		24.1	20	Non-dir.
4-Chlorotoluene	10.6		"	10.0		106	79-128		11.5	30	
4-Methyl-2-pentanone	7.92		"	10.0		79.2	40-160		13.8	20	
Acetone	10.5		"	10.0		105	40-160		5.06	20	
Acrolein	4.28		"	10.0		42.8	10-153		38.0	30	Non-dir.
Acrylonitrile	9.77		"	10.0		97.7	51-150		23.6	30	
Benzene	9.90		"	10.0		99.0	70-130		1.73	20	
Bromobenzene	10.5		"	10.0		105	78-129		9.90	30	
Bromochloromethane	9.28		"	10.0		92.8	70-130		9.84	20	
Bromodichloromethane	9.52		"	10.0		95.2	70-130		4.29	20	
Bromoform	8.46		"	10.0		84.6	70-130		9.54	20	
Bromomethane	9.53		"	10.0		95.3	40-160		5.11	20	
Carbon disulfide	10.6		"	10.0		106	40-160		5.06	20	
Carbon tetrachloride	9.68		"	10.0		96.8	70-130		4.15	20	
Chlorobenzene	9.32		"	10.0		93.2	70-130		0.107	20	
Chloroethane	9.67		"	10.0		96.7	40-160		3.36	20	
Chloroform	9.50		"	10.0		95.0	70-130		4.30	20	
Chloromethane	9.97		"	10.0		99.7	40-160		6.03	20	
cis-1,2-Dichloroethylene	9.64		"	10.0		96.4	70-130		3.70	20	
cis-1,3-Dichloropropylene	9.38		"	10.0		93.8	70-130		8.21	20	
Cyclohexane	8.40		"	10.0		84.0	70-130		5.78	20	
Dibromochloromethane	9.17		"	10.0		91.7	70-130		7.00	20	
Dibromomethane	9.13		"	10.0		91.3	72-134		2.89	30	
Dichlorodifluoromethane	11.7		"	10.0		117	40-160		7.71	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42018 - EPA 5030B											
LCS Dup (BH42018-BSD1) LCS Dup							Prepared & Analyzed: 08/29/2024				
Ethyl Benzene	10.2		ug/L	10.0		102	70-130		3.58	20	
Hexachlorobutadiene	9.19		"	10.0		91.9	67-146		26.4	30	
Isopropylbenzene	11.2		"	10.0		112	70-130		21.6	20	Non-dir.
Methyl acetate	9.69		"	10.0		96.9	70-130		24.6	20	Non-dir.
Methyl tert-butyl ether (MTBE)	9.21		"	10.0		92.1	70-130		33.9	20	Non-dir.
Methylcyclohexane	10.0		"	10.0		100	70-130		12.1	20	
Methylene chloride	9.46		"	10.0		94.6	70-130		4.98	20	
n-Butylbenzene	10.6		"	10.0		106	79-132		1.86	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		18.6	30	
o-Xylene	9.69		"	10.0		96.9	70-130		0.207	20	
p- & m- Xylenes	20.1		"	20.0		100	70-130		2.84	20	
p-Isopropyltoluene	11.2		"	10.0		112	81-136		10.6	30	
sec-Butylbenzene	11.1		"	10.0		111	79-137		14.0	30	
Styrene	9.69		"	10.0		96.9	70-130		6.39	20	
tert-Butyl alcohol (TBA)	14.9		"	50.0		29.8	25-162		9.63	30	
tert-Butylbenzene	10.1		"	10.0		101	77-138		16.3	30	
Tetrachloroethylene	9.23		"	10.0		92.3	70-130		10.1	20	
Toluene	9.92		"	10.0		99.2	70-130		6.06	20	
trans-1,2-Dichloroethylene	9.77		"	10.0		97.7	70-130		2.03	20	
trans-1,3-Dichloropropylene	8.27		"	10.0		82.7	70-130		9.23	20	
Trichloroethylene	9.59		"	10.0		95.9	70-130		9.34	20	
Trichlorofluoromethane	9.48		"	10.0		94.8	40-160		5.24	20	
Vinyl Chloride	9.73		"	10.0		97.3	70-130		9.68	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.31*		*"*	*10.0*		*93.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42098 - EPA 3550C											
Blank (BH42098-BLK1) Blank									Prepared: 08/30/2024 Analyzed: 08/31/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42098 - EPA 3550C											
Blank (BH42098-BLK1) Blank									Prepared: 08/30/2024 Analyzed: 08/31/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.922*		"	*1.66*		*55.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.833*		"	*1.66*		*50.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.535*		"	*0.831*		*64.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.433*		"	*0.831*		*52.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.904*		"	*1.66*		*54.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.440*		"	*0.831*		*53.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42098 - EPA 3550C											
LCS (BH42098-BS1) LCS							Prepared: 08/30/2024 Analyzed: 08/31/2024				
1,1-Biphenyl	0.386	0.0416	mg/kg wet	0.831		46.5	18-111				
1,2,4,5-Tetrachlorobenzene	0.398	0.0830	"	0.831		48.0	21-131				
1,2,4-Trichlorobenzene	0.417	0.0416	"	0.831		50.2	10-140				
1,2-Dichlorobenzene	0.396	0.0416	"	0.831		47.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.394	0.0416	"	0.831		47.5	17-137				
1,3-Dichlorobenzene	0.383	0.0416	"	0.831		46.1	33-110				
1,4-Dichlorobenzene	0.395	0.0416	"	0.831		47.5	32-104				
2,3,4,6-Tetrachlorophenol	0.557	0.0830	"	0.831		67.1	30-130				
2,4,5-Trichlorophenol	0.446	0.0416	"	0.831		53.6	27-118				
2,4,6-Trichlorophenol	0.416	0.0416	"	0.831		50.0	31-120				
2,4-Dichlorophenol	0.422	0.0416	"	0.831		50.8	20-127				
2,4-Dimethylphenol	0.386	0.0416	"	0.831		46.5	14-132				
2,4-Dinitrophenol	ND	0.0830	"	0.831			10-171	Low Bias			
2,4-Dinitrotoluene	0.407	0.0416	"	0.831		49.0	34-131				
2,6-Dinitrotoluene	0.418	0.0416	"	0.831		50.3	31-128				
2-Chloronaphthalene	0.400	0.0416	"	0.831		48.1	31-117				
2-Chlorophenol	0.416	0.0416	"	0.831		50.1	33-113				
2-Methylnaphthalene	0.397	0.0416	"	0.831		47.8	12-138				
2-Methylphenol	0.378	0.0416	"	0.831		45.5	10-136				
2-Nitroaniline	0.510	0.0830	"	0.831		61.4	27-132				
2-Nitrophenol	0.259	0.0416	"	0.831		31.2	17-129				
3- & 4-Methylphenols	0.319	0.0416	"	0.831		38.4	29-103				
3,3-Dichlorobenzidine	0.424	0.0416	"	0.831		51.0	22-149				
3-Nitroaniline	0.526	0.0830	"	0.831		63.3	20-133				
4,6-Dinitro-2-methylphenol	ND	0.0830	"	0.831			10-143	Low Bias			
4-Bromophenyl phenyl ether	0.397	0.0416	"	0.831		47.8	29-120				
4-Chloro-3-methylphenol	0.431	0.0416	"	0.831		51.9	24-129				
4-Chloroaniline	0.367	0.0416	"	0.831		44.2	10-132				
4-Chlorophenyl phenyl ether	0.369	0.0416	"	0.831		44.5	27-124				
4-Nitroaniline	0.556	0.0830	"	0.831		67.0	16-128				
4-Nitrophenol	0.481	0.0830	"	0.831		57.9	10-141				
Acenaphthene	0.377	0.0416	"	0.831		45.4	30-121				
Acenaphthylene	0.373	0.0416	"	0.831		45.0	30-115				
Acetophenone	0.388	0.0416	"	0.831		46.7	20-112				
Aniline	0.305	0.166	"	0.831		36.7	10-119				
Anthracene	0.426	0.0416	"	0.831		51.3	34-118				
Atrazine	0.464	0.0416	"	0.831		55.9	26-112				
Benzaldehyde	0.297	0.0416	"	0.831		35.7	21-100				
Benzo(a)anthracene	0.412	0.0416	"	0.831		49.6	32-122				
Benzo(a)pyrene	0.426	0.0416	"	0.831		51.3	29-133				
Benzo(b)fluoranthene	0.439	0.0416	"	0.831		52.8	25-133				
Benzo(g,h,i)perylene	0.355	0.0416	"	0.831		42.8	10-143				
Benzo(k)fluoranthene	0.410	0.0416	"	0.831		49.4	25-128				
Benzoic acid	0.0578	0.0416	"	0.831		6.96	10-140	Low Bias			
Benzyl alcohol	0.371	0.0416	"	0.831		44.7	30-115				
Benzyl butyl phthalate	0.448	0.0416	"	0.831		54.0	26-126				
Bis(2-chloroethoxy)methane	0.377	0.0416	"	0.831		45.4	19-132				
Bis(2-chloroethyl)ether	0.367	0.0416	"	0.831		44.2	19-125				
Bis(2-chloroisopropyl)ether	0.339	0.0416	"	0.831		40.8	20-135				
Bis(2-ethylhexyl)phthalate	0.466	0.0416	"	0.831		56.2	10-155				
Caprolactam	0.435	0.0830	"	0.831		52.4	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42098 - EPA 3550C											
LCS (BH42098-BS1) LCS								Prepared: 08/30/2024 Analyzed: 08/31/2024			
Carbazole	0.432	0.0416	mg/kg wet	0.831		52.0	35-123				
Chrysene	0.401	0.0416	"	0.831		48.3	32-123				
Dibenzo(a,h)anthracene	0.412	0.0416	"	0.831		49.6	10-136				
Dibenzofuran	0.374	0.0416	"	0.831		45.0	29-121				
Diethyl phthalate	0.413	0.0416	"	0.831		49.7	34-116				
Dimethyl phthalate	0.393	0.0416	"	0.831		47.4	35-124				
Di-n-butyl phthalate	0.458	0.0416	"	0.831		55.1	31-116				
Di-n-octyl phthalate	0.513	0.0416	"	0.831		61.7	26-136				
Fluoranthene	0.447	0.0416	"	0.831		53.8	33-122				
Fluorene	0.383	0.0416	"	0.831		46.1	29-123				
Hexachlorobenzene	0.502	0.0416	"	0.831		60.5	21-124				
Hexachlorobutadiene	0.417	0.0416	"	0.831		50.2	10-149				
Hexachlorocyclopentadiene	ND	0.0416	"	0.831			10-129	Low Bias			
Hexachloroethane	0.333	0.0416	"	0.831		40.1	28-108				
Indeno(1,2,3-cd)pyrene	0.496	0.0416	"	0.831		59.8	10-135				
Isophorone	0.397	0.0416	"	0.831		47.8	20-132				
Naphthalene	0.407	0.0416	"	0.831		49.0	23-124				
Nitrobenzene	0.465	0.0416	"	0.831		56.0	13-132				
N-Nitrosodimethylamine	0.366	0.0416	"	0.831		44.1	11-129				
N-nitroso-di-n-propylamine	0.368	0.0416	"	0.831		44.3	24-119				
N-Nitrosodiphenylamine	0.405	0.0416	"	0.831		48.8	22-152				
Pentachlorophenol	0.396	0.0416	"	0.831		47.7	10-139				
Phenanthrene	0.424	0.0416	"	0.831		51.0	33-123				
Phenol	0.395	0.0416	"	0.831		47.6	23-115				
Pyrene	0.386	0.0416	"	0.831		46.5	24-130				
Pyridine	0.331	0.166	"	0.831		39.9	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.807*		"	*1.66*		*48.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.750*		"	*1.66*		*45.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.503*		"	*0.831*		*60.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.402*		"	*0.831*		*48.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.919*		"	*1.66*		*55.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.407*		"	*0.831*		*49.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40042 - EPA 3550C											
Blank (BI40042-BLK1) Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*405*		*"*	*495*		*81.8*	*39-127.5*				
LCS (BI40042-BS1) LCS									Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,4-Dioxane	484	19.8	ug/kg	495		97.8	40-130				
Surrogate: 1,4-Dioxane-d8	*382*		*"*	*495*		*77.2*	*39-127.5*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
Blank (BI40040-BLK1) Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.48*		"	*2.31*		*107*	*25-150*				
Surrogate: M5PFHxA	*2.48*		"	*2.48*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.44*		"	*2.48*		*98.4*	*25-150*				
Surrogate: M3PFHxS	*2.34*		"	*2.35*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.70*		"	*2.48*		*109*	*25-150*				
Surrogate: M6PFDA	*1.26*		"	*1.24*		*102*	*25-150*				
Surrogate: M7PFUdA	*0.976*		"	*1.24*		*78.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.786*		"	*1.24*		*63.4*	*25-150*				
Surrogate: M2PFTeDA	*0.617*		"	*1.24*		*49.8*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
Blank (BI40040-BLK1) Blank								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.61*		*ug/kg wet*	*9.92*		*86.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.38*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.32*		*"*	*4.96*		*87.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.23*		*"*	*2.48*		*90.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.00*		*"*	*4.96*		*80.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.57*		*"*	*4.96*		*92.2*	*25-150*				
Surrogate: M2-6:2 FTS	*8.68*		*"*	*4.72*		*184*	*25-200*				
Surrogate: M2-8:2 FTS	*4.60*		*"*	*4.76*		*96.6*	*25-200*				
Surrogate: M9PFNA	*1.31*		*"*	*1.24*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*12.0*		*"*	*4.65*		*257*	*25-150*				
Surrogate: d-N-MeFOSA	*1.77*		*"*	*2.48*		*71.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.25*		*"*	*2.48*		*50.3*	*25-150*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.92*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*6.04*		*"*	*24.8*		*24.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.94*		*"*	*24.8*		*23.9*	*25-150*				
LCS (BI40040-BS1) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Perfluorobutanesulfonic acid (PFBS)	3.70	0.174	ug/kg wet	3.48		106	50-150				
Perfluorohexanoic acid (PFHxA)	3.84	0.196	"	3.93		97.7	50-150				
Perfluoroheptanoic acid (PFHpA)	4.07	0.196	"	3.93		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.23	0.180	"	3.60		89.9	50-150				
Perfluorooctanoic acid (PFOA)	4.50	0.196	"	3.93		114	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.76	0.183	"	3.65		103	50-150				
Perfluorononanoic acid (PFNA)	4.03	0.196	"	3.93		103	50-150				
Perfluorodecanoic acid (PFDA)	3.11	0.196	"	3.93		79.1	50-150				
Perfluoroundecanoic acid (PFUnA)	3.72	0.196	"	3.93		94.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.98	0.196	"	3.93		101	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.83	0.196	"	3.93		97.4	50-150				
Perfluorotetradecanoic acid (PFTA)	3.69	0.196	"	3.93		94.0	50-150				
N-MeFOSAA	4.36	0.196	"	3.93		111	50-150				
N-EtFOSAA	4.18	0.196	"	3.93		106	50-150				
Perfluoropentanoic acid (PFPeA)	8.14	0.393	"	7.86		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.10	0.196	"	3.93		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.43	0.196	"	3.75		118	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.55	0.190	"	3.79		67.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.6	0.747	"	14.9		97.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.6	0.754	"	15.1		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	16.6	0.786	"	15.7		106	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.05	0.350	"	6.99		129	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.06	0.393	"	7.86		103	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.20	0.393	"	7.86		91.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.96	0.393	"	7.86		114	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.50	0.185	"	3.69		94.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.6	0.737	"	14.7		92.1	50-150				
HFPO-DA (Gen-X)	7.92	0.786	"	7.86		101	50-150				
11CL-PF3OUdS	5.15	0.743	"	7.43		69.4	50-150				
9CL-PF3ONS	7.26	0.735	"	7.35		98.8	50-150				
ADONA	7.64	0.743	"	7.43		103	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
LCS (BI40040-BS1) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.14	0.191	ug/kg wet	3.81		56.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.54	0.189	"	3.77		93.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	19.7	0.982	"	15.7		125	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	92.8	4.91	"	78.6		118	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	89.8	4.91	"	78.6		114	50-150				
N-MeFOSE	44.7	1.96	"	39.3		114	50-150				
N-MeFOSA	3.90	0.196	"	3.93		99.2	50-150				
N-EtFOSE	37.3	1.96	"	39.3		95.0	50-150				
N-EtFOSA	4.14	0.196	"	3.93		105	50-150				
Surrogate: M3PFBS	*2.24*		*"*	*2.29*		*97.9*	*25-150*				
Surrogate: M5PFHxA	*2.36*		*"*	*2.46*		*96.3*	*25-150*				
Surrogate: M4PFHpA	*2.62*		*"*	*2.46*		*107*	*25-150*				
Surrogate: M3PFHxS	*2.37*		*"*	*2.33*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.42*		*"*	*2.46*		*98.6*	*25-150*				
Surrogate: M6PFDA	*1.37*		*"*	*1.23*		*111*	*25-150*				
Surrogate: M7PFUdA	*1.07*		*"*	*1.23*		*87.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.778*		*"*	*1.23*		*63.4*	*25-150*				
Surrogate: M2PFTeDA	*0.766*		*"*	*1.23*		*62.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.40*		*"*	*9.82*		*65.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.35*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.34*		*"*	*4.91*		*88.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.24*		*"*	*2.46*		*91.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.31*		*"*	*4.91*		*87.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.52*		*"*	*4.91*		*92.0*	*25-150*				
Surrogate: M2-6:2 FTS	*8.29*		*"*	*4.67*		*177*	*25-200*				
Surrogate: M2-8:2 FTS	*4.93*		*"*	*4.72*		*105*	*25-200*				
Surrogate: M9PFNA	*1.10*		*"*	*1.23*		*89.9*	*25-150*				
Surrogate: M2-4:2 FTS	*11.8*		*"*	*4.61*		*257*	*25-150*				
Surrogate: d-N-MeFOSA	*1.83*		*"*	*2.46*		*74.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		*"*	*2.46*		*65.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.9*		*"*	*9.82*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.74*		*"*	*24.6*		*31.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*6.46*		*"*	*24.6*		*26.3*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
LCS (BI40040-BS2) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Perfluorobutanesulfonic acid (PFBS)	0.678	0.176	ug/kg wet	0.702		96.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.738	0.198	"	0.794		93.0	50-150				
Perfluoroheptanoic acid (PFHpA)	0.859	0.198	"	0.794		108	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.578	0.182	"	0.726		79.5	50-150				
Perfluorooctanoic acid (PFOA)	0.731	0.198	"	0.794		92.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.704	0.185	"	0.738		95.4	50-150				
Perfluorononanoic acid (PFNA)	0.687	0.198	"	0.794		86.6	50-150				
Perfluorodecanoic acid (PFDA)	0.674	0.198	"	0.794		84.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.769	0.198	"	0.794		96.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.790	0.198	"	0.794		99.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.815	0.198	"	0.794		103	50-150				
Perfluorotetradecanoic acid (PFTA)	0.739	0.198	"	0.794		93.1	50-150				
N-MeFOSAA	0.952	0.198	"	0.794		120	50-150				
N-EtFOSAA	0.827	0.198	"	0.794		104	50-150				
Perfluoropentanoic acid (PFPeA)	1.52	0.397	"	1.59		95.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.754	0.198	"	0.794		95.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.834	0.198	"	0.758		110	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.557	0.191	"	0.766		72.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.66	0.754	"	3.02		88.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.89	0.762	"	3.05		94.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.05	0.794	"	3.17		96.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.67	0.353	"	1.41		118	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.40	0.397	"	1.59		88.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.877	0.397	"	1.59		55.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.63	0.397	"	1.59		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.647	0.187	"	0.746		86.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.70	0.744	"	2.98		90.9	50-150				
HFPO-DA (Gen-X)	2.11	0.794	"	1.59		133	50-150				
11CL-PF3OUdS	1.06	0.750	"	1.50		70.8	50-150				
9CL-PF3ONS	1.54	0.742	"	1.48		104	50-150				
ADONA	1.46	0.750	"	1.50		97.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.440	0.192	"	0.770		57.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.748	0.190	"	0.762		98.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.59	0.992	"	3.17		113	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	17.3	4.96	"	15.9		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	18.0	4.96	"	15.9		113	50-150				
N-MeFOSE	8.44	1.98	"	7.94		106	50-150				
N-MeFOSA	0.839	0.198	"	0.794		106	50-150				
N-EtFOSE	7.85	1.98	"	7.94		98.9	50-150				
N-EtFOSA	0.815	0.198	"	0.794		103	50-150				
Surrogate: M3PFBS	*2.41*		"	*2.31*		*104*	*25-150*				
Surrogate: M5PFHxA	*2.61*		"	*2.48*		*105*	*25-150*				
Surrogate: M4PFHpA	*2.60*		"	*2.48*		*105*	*25-150*				
Surrogate: M3PFHxS	*2.40*		"	*2.35*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.95*		"	*2.48*		*119*	*25-150*				
Surrogate: M6PFDA	*1.50*		"	*1.24*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.07*		"	*1.24*		*86.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.898*		"	*1.24*		*72.4*	*25-150*				
Surrogate: M2PFTeDA	*0.794*		"	*1.24*		*64.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
LCS (BI40040-BS2) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.80*		*ug/kg wet*	*9.92*		*18.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.40*		*"*	*2.38*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.79*		*"*	*4.96*		*96.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.49*		*"*	*2.48*		*100*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.93*		*"*	*4.96*		*99.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.13*		*"*	*4.96*		*103*	*25-150*				
Surrogate: M2-6:2 FTS	*7.99*		*"*	*4.72*		*169*	*25-200*				
Surrogate: M2-8:2 FTS	*5.11*		*"*	*4.76*		*107*	*25-200*				
Surrogate: M9PFNA	*1.38*		*"*	*1.24*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*10.2*		*"*	*4.65*		*219*	*25-150*				
Surrogate: d-N-MeFOSA	*2.03*		*"*	*2.48*		*81.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.70*		*"*	*2.48*		*68.4*	*25-150*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.92*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.15*		*"*	*24.8*		*32.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.73*		*"*	*24.8*		*31.2*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42095 - EPA 3550C											
Blank (BH42095-BLK1) Blank									Prepared & Analyzed: 08/30/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0469*		*"*	*0.0664*		*70.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0636*		*"*	*0.0664*		*95.8*	*30-150*				
LCS (BH42095-BS1) LCS									Prepared & Analyzed: 08/30/2024		
4,4'-DDD	0.0288	0.00164	mg/kg wet	0.0332		86.6	40-140				
4,4'-DDE	0.0276	0.00164	"	0.0332		83.1	40-140				
4,4'-DDT	0.0256	0.00164	"	0.0332		77.0	40-140				
Aldrin	0.0269	0.00164	"	0.0332		80.9	40-140				
alpha-BHC	0.0297	0.00164	"	0.0332		89.4	40-140				
alpha-Chlordane	0.0271	0.00164	"	0.0332		81.6	40-140				
beta-BHC	0.0290	0.00164	"	0.0332		87.2	40-140				
delta-BHC	0.0249	0.00164	"	0.0332		75.0	40-140				
Dieldrin	0.0284	0.00164	"	0.0332		85.6	40-140				
Endosulfan I	0.0291	0.00164	"	0.0332		87.6	40-140				
Endosulfan II	0.0295	0.00164	"	0.0332		88.7	40-140				
Endosulfan sulfate	0.0222	0.00164	"	0.0332		66.9	40-140				
Endrin	0.0314	0.00164	"	0.0332		94.4	40-140				
Endrin aldehyde	0.0305	0.00164	"	0.0332		91.9	40-140				
Endrin ketone	0.0273	0.00164	"	0.0332		82.2	40-140				
gamma-BHC (Lindane)	0.0268	0.00164	"	0.0332		80.5	40-140				
gamma-Chlordane	0.0276	0.00164	"	0.0332		83.2	40-140				
Heptachlor	0.0279	0.00164	"	0.0332		83.9	40-140				
Heptachlor epoxide	0.0289	0.00164	"	0.0332		86.8	40-140				
Methoxychlor	0.0223	0.00164	"	0.0332		67.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0413*		*"*	*0.0664*		*62.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0531*		*"*	*0.0664*		*80.0*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42095 - EPA 3550C											
Blank (BH42095-BLK2) Blank								Prepared & Analyzed: 08/30/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0638*		*"*	*0.0664*		*96.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0346*		*"*	*0.0664*		*52.0*	*30-120*				
LCS (BH42095-BS2) LCS								Prepared & Analyzed: 08/30/2024			
Aroclor 1016	0.252	0.0166	mg/kg wet	0.332		75.8	40-130				
Aroclor 1260	0.253	0.0166	"	0.332		76.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0525*		*"*	*0.0664*		*79.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0339*		*"*	*0.0664*		*51.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41998 - EPA 3550C/8151A											
Blank (BH41998-BLK1) Blank									Prepared: 08/29/2024 Analyzed: 08/31/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.561*		*"*	*0.831*		*67.5*	*21-150*				
LCS (BH41998-BS1) LCS									Prepared: 08/29/2024 Analyzed: 08/31/2024		
2,4,5-T	0.0523	0.0199	mg/kg wet	0.0664		78.7	10-120				
2,4,5-TP (Silvex)	0.0631	0.0199	"	0.0664		95.0	10-120				
2,4-D	0.0573	0.0199	"	0.0664		86.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.561*		*"*	*0.831*		*67.6*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH41988 - EPA 3050B											
Blank (BH41988-BLK1) Blank									Prepared: 08/29/2024 Analyzed: 08/30/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	29.1	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BH41988-SRM1) Reference									Prepared: 08/29/2024 Analyzed: 08/30/2024		
Aluminum	7690	4.17	mg/kg wet	7680		100	35.7-119				
Antimony	68.3	2.08	"	244		28.0	0-99.5				
Arsenic	255	1.25	"	283		90.0	69.9-101.4				
Barium	315	2.08	"	326		96.6	73.9-107.1				
Beryllium	173	0.042	"	175		98.7	75.4-107.4				
Cadmium	90.6	0.250	"	95.8		94.5	72.3-103.7				
Calcium	5500	4.17	"	5470		101	79.5-113.2				
Chromium	223	0.417	"	239		93.5	72.4-106.3				
Cobalt	148	0.333	"	150		98.5	76-107.3				
Copper	227	1.67	"	217		104	74.7-105.1				
Iron	7400	20.8	"	7360		100	53-127.9				
Lead	206	0.417	"	210		98.2	75.7-109.5				
Magnesium	2120	4.17	"	2080		102	67.3-111.1				
Manganese	276	0.417	"	290		95.0	73.4-108.3				
Nickel	322	0.830	"	329		97.8	74.5-106.7				
Potassium	2330	4.17	"	2330		100	60.9-111.6				
Selenium	280	2.08	"	281		99.6	77.6-116.7				
Silver	82.5	0.420	"	82.7		99.8	73.7-111.7				
Sodium	1390	41.7	"	427		326	71.2-118.7	High Bias			
Thallium	119	2.08	"	123		96.9	70.2-104.8				
Vanadium	179	0.830	"	192		93.1	68.8-107.8				
Zinc	248	2.08	"	260		95.5	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42096 - EPA 7473 soil											
Blank (BH42096-BLK1) Blank									Prepared: 08/30/2024 Analyzed: 08/31/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BH42096-SRM1) Reference									Prepared: 08/30/2024 Analyzed: 08/31/2024		
Mercury	19.802		mg/kg	18.2		109	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42050 - Analysis Preparation Soil											
Blank (BH42050-BLK1) Blank								Prepared & Analyzed: 08/30/2024			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BH42050-SRM1) Reference								Prepared & Analyzed: 08/30/2024			
Cyanide, total	53.7		ug/mL	59.7		90.0	38.5-161.4				
Batch BH42076 - EPA SW846-3060											
Blank (BH42076-BLK1) Blank								Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BH42076-DUP1) Duplicate	*Source sample: 24H1973-01 (PE08_16)							Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	ND	0.554	mg/kg dry		ND					35	
Matrix Spike (BH42076-MS1) Matrix Spike	*Source sample: 24H1973-01 (PE08_16)							Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	12.5	0.554	mg/kg dry	22.2	ND	56.6	75-125	Low Bias			
Matrix Spike Dup (BH42076-! Matrix Spike Dup	*Source sample: 24H1973-01 (PE08_16)							Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	14.0	0.554	mg/kg dry	22.2	ND	63.0	75-125	Low Bias	10.7	200	
Reference (BH42076-SRM1) Reference								Prepared & Analyzed: 08/30/2024			
Chromium, Hexavalent	259		mg/L	227		114	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1973-01	PE08_16	40mL Vial with Stir Bar-Cool 4° C
24H1973-02	TB_08282024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-D	The surrogates were spiked at twice the normal concentration and recovery is within limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: PCB analysis was requested by the client on 8/29/24. A revised COC was provided. On 9/5/24, it was requested to remove the dash between PE and 08 in the sample ID.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 2441973

Report To:	Invoice To:
Company: GANGAN	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address:
Phone.: 973-526-4900	Phone.: SAME
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Avenue

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) X | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Daniel Horvath

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	PCBs	Grab or Comp	
PE-08-16	8/28	0930	Soil	3									1	X	X	X	X	X	X	X	X	X	G/C	CT RCP
TB-082824					2									X										

Report Type (circle): QA Report | Summary (Results Only) | NY ASP B Package | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | NYSDEC EQuIS | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered | Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Daniel Horvath/Langan	8/28 1515	[illegible]	8/28/24 1515	[illegible]	8/28/24 15:47
2. Samples Received by / Company	**Date/Time**	**3. Samples Relinquished by / Company**	**Date/Time**	**3. Samples Received by / Company**	**Date/Time**
YORK	8/28/24 1547 4.1°C	YORK	8/28/24 1850	Ramon Huron	8/28/24 1900
4. Samples Relinquished by / Company	**Date/Time**	**4. Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time** / **Temperature**
Ramon Duron	8/28/24 19:50			JMavaro	8/28/24 19:50 3.2°C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/17/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H2102

Revision No. **1.0**

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/17/2024
Client Project ID: 100688801
York Project (SDG) No.: 24H2102

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 29, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H2102-01	PE07_16	Soil	08/29/2024	08/29/2024
24H2102-02	FB_08292024	Water	08/29/2024	08/29/2024
24H2102-03	EB_08292024	Water	08/29/2024	08/29/2024
24H2102-04	TB_08292024	Water	08/28/2024	08/29/2024

General Notes for York Project (SDG) No.: 24H2102

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 09/17/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.021**		mg/kg dry	0.0055	0.011	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	ICVE	mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	ICVE	mg/kg dry	0.0028	0.0055	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C	08/30/2024 09:00	08/30/2024 13:05	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0880	0.176	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0880	0.176	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.176	0.352	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0577**	J	mg/kg dry	0.0441	0.0880	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	09/03/2024 08:46	09/03/2024 18:28	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*95.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*88.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*88.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*112 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	09/03/2024 08:38	09/04/2024 17:06	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*77.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.116	0.184	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0552	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.186	0.191	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.174	0.194	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.197	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.199	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.170	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.202	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.417	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.152	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-CCV-L	ug/kg dry	0.199	0.201	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.620	0.792	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.786	0.800	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.833	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.145	0.371	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.201	0.417	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0646	0.417	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.100	0.417	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.164	0.196	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.620	0.781	1	EPA 1633 Draft 3	09/03/2024 08:34	09/05/2024 01:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.633	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:24	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.324	0.788	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:24	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.256	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:24	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.788	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:24	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.176	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:24	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.129	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/03/2024 08:34	09/05/2024 01:24	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.660	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:24	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.19	5.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:24	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.56	5.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:24	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.636	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:24	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.188	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:24	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.726	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:24	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/03/2024 08:34	09/05/2024 01:24	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*89.1 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*91.1 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*97.2 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*89.9 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*106 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*81.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*54.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*44.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.65 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.6 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*70.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*113 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*154 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*145 %*		*25-200*

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*118 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.6 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*215 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*63.2 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*55.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*107 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*24.1 %*	PFSu-L		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*22.9 %*	PFSu-L		*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	09/01/2024 08:11	09/03/2024 14:07	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	09/01/2024 08:11	09/03/2024 16:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	09/01/2024 08:11	09/03/2024 16:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	09/01/2024 08:11	09/03/2024 16:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	09/01/2024 08:11	09/03/2024 16:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	09/01/2024 08:11	09/03/2024 16:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	09/01/2024 08:11	09/03/2024 16:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	09/01/2024 08:11	09/03/2024 16:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	09/01/2024 08:11	09/03/2024 16:27	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0211	1	EPA 8151A	09/01/2024 08:23	09/03/2024 14:14	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0211	1	EPA 8151A	09/01/2024 08:23	09/03/2024 14:14	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0211	1	EPA 8151A	09/01/2024 08:23	09/03/2024 14:14	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*79.8 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5360**		mg/kg dry	4.41	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.20	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.50**		mg/kg dry	1.32	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**12.4**		mg/kg dry	2.20	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.265	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**511**		mg/kg dry	4.41	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.3**		mg/kg dry	0.441	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.18**		mg/kg dry	0.352	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.08**		mg/kg dry	1.76	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11300**		mg/kg dry	22.0	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**5.23**		mg/kg dry	0.441	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1450**		mg/kg dry	4.41	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**56.8**		mg/kg dry	0.441	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.5**		mg/kg dry	0.878	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**440**		mg/kg dry	4.41	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.20	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.445	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**44.3**		mg/kg dry	44.1	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.20	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**22.1**		mg/kg dry	0.878	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**16.0**		mg/kg dry	2.20	1	EPA 6010D	09/04/2024 14:44	09/05/2024 13:02	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0318	1	EPA 7473	08/31/2024 08:45	09/03/2024 14:01	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.529	1	EPA 7196A	09/03/2024 09:32	09/03/2024 17:33	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**15.3**		mg/kg	0.500	1	Calculation	09/05/2024 17:03	09/05/2024 17:14	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.529	1	EPA 9014/9010C	08/30/2024 07:38	08/30/2024 15:02	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE07_16 **York Sample ID:** 24H2102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Soil	August 29, 2024 12:00 pm	08/29/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.5**		%	0.100	1	SM 2540G	09/03/2024 07:04	09/03/2024 14:33	HLY
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.19**		ug/L	0.245	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**16.8**		ug/L	0.243	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	ug/L	0.491	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.660**	CCVE, ICVE, QL-02	ug/L	0.608	1.00	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	ug/L	0.229	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/30/2024 09:00	08/30/2024 18:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.0 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*119 %*	*70-130*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE, QL-02	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, QL-02	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	09/05/2024 08:43	09/06/2024 13:02	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.6 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*17.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.3 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*145 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.4 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
118-74-1	Hexachlorobenzene	ND	ICVE, QL-02	ug/L	0.0200	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	CAL-E, ICVE	ug/L	0.250	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/05/2024 08:43	09/06/2024 13:41	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	09/03/2024 08:49	09/04/2024 22:46	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*50.8 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.464	1.75	1	EPA 1633 Draft 3	09/11/2024 04:30	09/12/2024 12:46	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.345	1.97	1	EPA 1633 Draft 3	09/11/2024 04:30	09/12/2024 12:46	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.700	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.671	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.414	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-CCV-L	ng/L	0.809	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.513	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.740	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.11	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.868	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.730	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.680	1.97	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.779	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.227	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.868	1.97	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	PF-CCV-L	ng/L	0.897	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-CCV-L	ng/L	1.30	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.05	7.50	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.02	7.57	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.325	7.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.493	3.51	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/11/2024 04:30	09/12/2024 12:46	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.11	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/11/2024 04:30	09/12/2024 12:46	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.247	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/11/2024 04:30	09/12/2024 12:46	AM

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.365	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/11/2024 04:30	09/12/2024 12:46	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.750	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.77	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.19	7.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.36	7.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.690	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
919005-14-4	ADONA	ND		ng/L	0.523	7.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ng/L	0.917	1.91	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 12:46	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ng/L	0.848	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/11/2024 04:30	09/12/2024 12:46	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L	ng/L	2.00	4.93	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 12:46	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ng/L	7.23	24.7	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 12:46	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ng/L	9.34	24.7	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 12:46	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.93	19.7	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 12:46	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.56	1.97	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 12:46	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.93	19.7	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 12:46	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.78	1.97	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 12:46	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*108 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*119 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*123 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*92.0 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*108 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*118 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*107 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*87.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*18.9 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*99.1 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*93.6 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*113 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*115 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*72.9 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*69.1 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*107 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*93.8 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*31.9 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*29.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*29.8 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*37.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*39.7 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	09/05/2024 08:36	09/05/2024 13:13	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	09/05/2024 08:36	09/05/2024 14:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/05/2024 08:36	09/05/2024 14:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/05/2024 08:36	09/05/2024 14:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/05/2024 08:36	09/05/2024 14:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/05/2024 08:36	09/05/2024 14:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	09/05/2024 08:36	09/05/2024 14:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/05/2024 08:36	09/05/2024 14:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	09/05/2024 08:36	09/05/2024 14:16	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	09/03/2024 15:01	09/04/2024 16:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	09/03/2024 15:01	09/04/2024 16:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	09/03/2024 15:01	09/04/2024 16:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*90.4 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.492**		mg/L	0.0556	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**0.00631**		mg/L	0.00556	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**24.8**		mg/L	0.0556	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**20.3**	M-BS	mg/L	0.556	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	09/03/2024 12:52	09/04/2024 22:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	09/04/2024 08:38	09/05/2024 12:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	09/04/2024 08:38	09/05/2024 12:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/04/2024 08:38	09/05/2024 12:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	09/04/2024 08:38	09/05/2024 12:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**0.00131**	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/04/2024 08:38	09/05/2024 12:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/04/2024 08:38	09/05/2024 12:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/04/2024 08:42	09/04/2024 08:42	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_08292024 **York Sample ID:** 24H2102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:00 pm	08/29/2024

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	08/29/2024 17:48	08/29/2024 23:22	ZTS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	09/05/2024 17:10	09/05/2024 17:15	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	09/03/2024 15:21	09/03/2024 19:52	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: EB_08292024 **York Sample ID:** 24H2102-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:15 pm	08/29/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.464	1.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.345	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.700	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.671	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.414	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND	PF-CCV-L	ng/L	0.809	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.513	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.740	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.11	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.868	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.730	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.680	1.97	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.779	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.227	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.868	1.97	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	PF-CCV-L	ng/L	0.897	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-CCV-L	ng/L	1.30	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.05	7.50	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.02	7.57	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.325	7.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM

Sample Information

Client Sample ID: EB_08292024 **York Sample ID:** 24H2102-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:15 pm	08/29/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.493	3.51	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/11/2024 04:30	09/12/2024 13:02	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.11	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/11/2024 04:30	09/12/2024 13:02	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.247	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/11/2024 04:30	09/12/2024 13:02	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.365	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/11/2024 04:30	09/12/2024 13:02	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.750	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.77	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.19	7.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.36	7.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.690	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
919005-14-4	ADONA	ND		ng/L	0.523	7.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ng/L	0.917	1.91	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 13:02	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND	PF-CCV-L	ng/L	0.848	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/11/2024 04:30	09/12/2024 13:02	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L	ng/L	2.00	4.93	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 13:02	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ng/L	7.23	24.7	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 13:02	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ng/L	9.34	24.7	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 13:02	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.93	19.7	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 13:02	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.56	1.97	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 13:02	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.93	19.7	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 13:02	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.78	1.97	1	EPA 1633 Draft 3 Certifications:	09/11/2024 04:30	09/12/2024 13:02	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*152 %*	PFSu-H	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*133 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*132 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*141 %*		*25-150*

Sample Information

Client Sample ID: EB_08292024 **York Sample ID:** 24H2102-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 29, 2024 2:15 pm	08/29/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*143 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*127 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*123 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*104 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*63.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*26.4 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*165 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*112 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*129 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*136 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*157 %*	PFSu-H		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*105 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*84.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*139 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*126 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*37.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*23.7 %*	PFSu-L		*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*16.5 %*	PFSu-L		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*30.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*33.3 %*			*25-150*						

Sample Information

Client Sample ID: TB_08292024 **York Sample ID:** 24H2102-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 28, 2024 2:15 pm	08/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08292024 **York Sample ID:** 24H2102-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 28, 2024 2:15 pm	08/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_08292024 **York Sample ID:** 24H2102-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 28, 2024 2:15 pm	08/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	ug/L	0.491	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.608	1.00	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_08292024 **York Sample ID:** 24H2102-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2102	100688801	Water	August 28, 2024 2:15 pm	08/29/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	ug/L	0.229	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/30/2024 09:00	08/30/2024 17:54	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*84.7 %*		*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*		*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*133 %*	S-08	*70-130*

Analytical Batch Summary

Batch ID: BH42035 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-02	FB_08292024	08/29/24
BH42035-BLK1	Blank	08/29/24
BH42035-BS1	LCS	08/29/24

Batch ID: BH42050 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-01	PE07_16	08/30/24
BH42050-BLK1	Blank	08/30/24
BH42050-DUP1	Duplicate	08/30/24
BH42050-MS1	Matrix Spike	08/30/24
BH42050-MSD1	Matrix Spike Dup	08/30/24
BH42050-SRM1	Reference	08/30/24

Batch ID: BH42111 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-01	PE07_16	08/30/24
BH42111-BLK1	Blank	08/30/24
BH42111-BS1	LCS	08/30/24
BH42111-BSD1	LCS Dup	08/30/24
BH42111-MS1	Matrix Spike	08/30/24
BH42111-MSD1	Matrix Spike Dup	08/30/24

Batch ID: BH42136 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-01	PE07_16	08/31/24
BH42136-BLK1	Blank	08/31/24
BH42136-DUP1	Duplicate	08/31/24
BH42136-MS1	Matrix Spike	08/31/24
BH42136-SRM1	Reference	08/31/24

Batch ID: BI40006 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-01	PE07_16	09/01/24
24H2102-01	PE07_16	09/01/24
BI40006-BLK1	Blank	09/01/24
BI40006-BLK2	Blank	09/01/24
BI40006-BS1	LCS	09/01/24
BI40006-BS2	LCS	09/01/24
BI40006-MS1	Matrix Spike	09/01/24

BI40006-MS2	Matrix Spike	09/01/24
BI40006-MSD1	Matrix Spike Dup	09/01/24
BI40006-MSD2	Matrix Spike Dup	09/01/24

Batch ID: BI40008 **Preparation Method:** EPA 3550C/8151A **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-01	PE07_16	09/01/24
BI40008-BLK1	Blank	09/01/24
BI40008-BS1	LCS	09/01/24
BI40008-MS1	Matrix Spike	09/01/24
BI40008-MSD1	Matrix Spike Dup	09/01/24

Batch ID: BI40017 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-01	PE07_16	09/03/24
BI40017-DUP1	Duplicate	09/03/24

Batch ID: BI40040 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-01	PE07_16	09/03/24
BI40040-BLK1	Blank	09/03/24
BI40040-BS1	LCS	09/03/24
BI40040-BS2	LCS	09/03/24
BI40040-MS1	Matrix Spike	09/03/24
BI40040-MSD1	Matrix Spike Dup	09/03/24

Batch ID: BI40042 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-01	PE07_16	09/03/24
BI40042-BLK1	Blank	09/03/24
BI40042-BS1	LCS	09/03/24
BI40042-MS1	Matrix Spike	09/03/24
BI40042-MSD1	Matrix Spike Dup	09/03/24

Batch ID: BI40052 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-01	PE07_16	09/03/24
BI40052-BLK1	Blank	09/03/24
BI40052-BS1	LCS	09/03/24
BI40052-MS1	Matrix Spike	09/03/24
BI40052-MSD1	Matrix Spike Dup	09/03/24

Batch ID: BI40054 **Preparation Method:** EPA 3535A **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-02	FB_08292024	09/03/24
BI40054-BLK1	Blank	09/03/24
BI40054-BS1	LCS	09/03/24

Batch ID: BI40056 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-01	PE07_16	09/03/24
BI40056-BLK1	Blank	09/03/24
BI40056-DUP1	Duplicate	09/03/24
BI40056-MS1	Matrix Spike	09/03/24
BI40056-MSD1	Matrix Spike Dup	09/03/24
BI40056-SRM1	Reference	09/03/24

Batch ID: BI40069 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-02	FB_08292024	09/03/24
BI40069-BLK1	Blank	09/03/24
BI40069-BS1	LCS	09/03/24

Batch ID: BI40091 **Preparation Method:** EPA 8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-02	FB_08292024	09/03/24
BI40091-BLK1	Blank	09/03/24
BI40091-BS1	LCS	09/03/24
BI40091-BSD1	LCS Dup	09/03/24

Batch ID: BI40095 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-02	FB_08292024	09/03/24
BI40095-BLK1	Blank	09/03/24
BI40095-BS1	LCS	09/03/24

Batch ID: BI40123 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-02	FB_08292024	09/04/24
BI40123-BLK1	Blank	09/04/24
BI40123-BS1	LCS	09/04/24

Batch ID: BI40124 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-02	FB_08292024	09/04/24
BI40124-BLK1	Blank	09/04/24
BI40124-BLK2	Blank	09/04/24
BI40124-BS1	LCS	09/04/24
BI40124-BS2	LCS	09/04/24

Batch ID: BI40170 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-01	PE07_16	09/04/24
BI40170-BLK1	Blank	09/04/24
BI40170-DUP1	Duplicate	09/04/24
BI40170-MS1	Matrix Spike	09/04/24
BI40170-PS1	Post Spike	09/04/24
BI40170-SRM1	Reference	09/04/24

Batch ID: BI40191 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-02	FB_08292024	08/30/24
24H2102-04	TB_08292024	08/30/24
BI40191-BLK1	Blank	08/30/24
BI40191-BS1	LCS	08/30/24
BI40191-BSD1	LCS Dup	08/30/24

Batch ID: BI40222 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-02	FB_08292024	09/05/24
24H2102-02	FB_08292024	09/05/24
BI40222-BLK1	Blank	09/05/24
BI40222-BLK2	Blank	09/05/24
BI40222-BS1	LCS	09/05/24
BI40222-BS2	LCS	09/05/24
BI40222-BSD1	LCS Dup	09/05/24
BI40222-BSD2	LCS Dup	09/05/24

Batch ID: BI40224 **Preparation Method:** EPA 3510C **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-02	FB_08292024	09/05/24
BI40224-BLK1	Blank	09/05/24
BI40224-BLK2	Blank	09/05/24
BI40224-BS1	LCS	09/05/24
BI40224-BS2	LCS	09/05/24
BI40224-BSD1	LCS Dup	09/05/24

Batch ID: BI40278 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-01	PE07_16	09/05/24

Batch ID: BI40279 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-02	FB_08292024	09/05/24

Batch ID: BI40550 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
24H2102-02	FB_08292024	09/11/24
24H2102-03	EB_08292024	09/11/24
BI40550-BLK1	Blank	09/11/24
BI40550-BS1	LCS	09/11/24
BI40550-BS2	LCS	09/11/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42111 - EPA 5035A											
Blank (BH42111-BLK1) Blank									Prepared & Analyzed: 08/30/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42111 - EPA 5035A											
Blank (BH42111-BLK1) Blank								Prepared & Analyzed: 08/30/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*76-130*				
LCS (BH42111-BS1) LCS								Prepared & Analyzed: 08/30/2024			
1,1,1,2-Tetrachloroethane	47.7		ug/L	50.0		95.4	75-129			30	
1,1,1-Trichloroethane	43.2		"	50.0		86.5	70-130			30	
1,1,2,2-Tetrachloroethane	48.1		"	50.0		96.3	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.2		"	50.0		96.4	70-130			30	
1,1,2-Trichloroethane	49.1		"	50.0		98.1	70-130			30	
1,1-Dichloroethane	45.9		"	50.0		91.8	70-130			30	
1,1-Dichloroethylene	49.8		"	50.0		99.6	70-130			30	
1,1-Dichloropropylene	48.1		"	50.0		96.2	77-127			30	
1,2,3-Trichlorobenzene	47.2		"	50.0		94.5	70-130			30	
1,2,3-Trichloropropane	46.0		"	50.0		92.1	81-126			30	
1,2,4-Trichlorobenzene	48.3		"	50.0		96.6	70-130			30	
1,2,4-Trimethylbenzene	50.9		"	50.0		102	84-125			30	
1,2-Dibromo-3-chloropropane	42.7		"	50.0		85.4	40-160			30	
1,2-Dibromoethane	49.6		"	50.0		99.3	70-130			30	
1,2-Dichlorobenzene	47.0		"	50.0		94.1	70-130			30	
1,2-Dichloroethane	47.4		"	50.0		94.9	70-130			30	
1,2-Dichloropropane	54.0		"	50.0		108	70-130			30	
1,3,5-Trimethylbenzene	48.1		"	50.0		96.1	82-126			30	
1,3-Dichlorobenzene	47.1		"	50.0		94.2	70-130			30	
1,3-Dichloropropane	50.4		"	50.0		101	83-123			30	
1,4-Dichlorobenzene	47.1		"	50.0		94.2	70-130			30	
1,4-Dioxane	853		"	1050		81.2	40-160			30	
2,2-Dichloropropane	47.1		"	50.0		94.3	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42111 - EPA 5035A											
LCS (BH42111-BS1) LCS							Prepared & Analyzed: 08/30/2024				
2-Butanone	63.7		ug/L	50.0		127	40-160			30	
2-Chlorotoluene	46.2		"	50.0		92.3	78-127			30	
2-Hexanone	45.0		"	50.0		90.0	40-160			30	
4-Chlorotoluene	46.3		"	50.0		92.6	79-125			30	
4-Methyl-2-pentanone	43.5		"	50.0		86.9	40-160			30	
Acetone	40.1		"	50.0		80.1	40-160			30	
Acrolein	15.7		"	50.0		31.4	10-238			30	
Acrylonitrile	51.1		"	50.0		102	66-141			30	
Benzene	47.0		"	50.0		94.1	70-130			30	
Bromobenzene	47.0		"	50.0		94.1	77-129			30	
Bromochloromethane	48.9		"	50.0		97.8	70-130			30	
Bromodichloromethane	48.1		"	50.0		96.3	70-130			30	
Bromoform	49.1		"	50.0		98.2	70-130			30	
Bromomethane	44.2		"	50.0		88.3	40-160			30	
Carbon disulfide	50.8		"	50.0		102	40-160			30	
Carbon tetrachloride	47.7		"	50.0		95.5	70-130			30	
Chlorobenzene	46.8		"	50.0		93.7	70-130			30	
Chloroethane	44.6		"	50.0		89.2	51-142			30	
Chloroform	45.2		"	50.0		90.3	70-130			30	
Chloromethane	48.5		"	50.0		97.0	49-132			30	
cis-1,2-Dichloroethylene	50.4		"	50.0		101	70-130			30	
cis-1,3-Dichloropropylene	49.9		"	50.0		99.9	70-130			30	
Cyclohexane	48.6		"	50.0		97.3	70-130			30	
Dibromochloromethane	48.3		"	50.0		96.6	70-130			30	
Dibromomethane	48.1		"	50.0		96.2	83-124			30	
Dichlorodifluoromethane	56.4		"	50.0		113	40-160			30	
Ethyl Benzene	49.7		"	50.0		99.3	70-130			30	
Hexachlorobutadiene	48.7		"	50.0		97.4	83-133			30	
Isopropylbenzene	47.9		"	50.0		95.7	70-130			30	
Methyl acetate	42.0		"	50.0		84.0	70-130			30	
Methyl tert-butyl ether (MTBE)	46.0		"	50.0		92.0	70-130			30	
Methylcyclohexane	47.0		"	50.0		94.0	70-130			30	
Methylene chloride	47.3		"	50.0		94.6	70-130			30	
n-Butylbenzene	48.2		"	50.0		96.5	80-130			30	
n-Propylbenzene	48.4		"	50.0		96.9	74-136			30	
o-Xylene	48.2		"	50.0		96.5	70-130			30	
p- & m- Xylenes	97.3		"	100		97.3	70-130			30	
p-Isopropyltoluene	48.4		"	50.0		96.7	85-125			30	
sec-Butylbenzene	47.9		"	50.0		95.8	83-125			30	
Styrene	50.2		"	50.0		100	70-130			30	
tert-Butyl alcohol (TBA)	196		"	250		78.3	70-130			30	
tert-Butylbenzene	45.6		"	50.0		91.3	80-127			30	
Tetrachloroethylene	42.1		"	50.0		84.2	70-130			30	
Toluene	48.1		"	50.0		96.1	70-130			30	
trans-1,2-Dichloroethylene	46.5		"	50.0		92.9	70-130			30	
trans-1,3-Dichloropropylene	49.3		"	50.0		98.6	70-130			30	
Trichloroethylene	46.5		"	50.0		93.0	70-130			30	
Trichlorofluoromethane	42.3		"	50.0		84.6	40-160			30	
Vinyl Chloride	48.1		"	50.0		96.2	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.0*		*"*	*50.0*		*96.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42111 - EPA 5035A											
LCS (BH42111-BS1) LCS									Prepared & Analyzed: 08/30/2024		
Surrogate: SURR: p-Bromofluorobenzene	*48.6*		*ug/L*	*50.0*		*97.2*	*76-130*				
LCS Dup (BH42111-BSD1) LCS Dup									Prepared & Analyzed: 08/30/2024		
1,1,1,2-Tetrachloroethane	50.2		ug/L	50.0		100	75-129		5.03	30	
1,1,1-Trichloroethane	48.0		"	50.0		96.0	70-130		10.5	30	
1,1,2,2-Tetrachloroethane	51.3		"	50.0		103	70-130		6.34	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.8		"	50.0		108	70-130		11.0	30	
1,1,2-Trichloroethane	51.9		"	50.0		104	70-130		5.68	30	
1,1-Dichloroethane	50.2		"	50.0		100	70-130		8.83	30	
1,1-Dichloroethylene	55.6		"	50.0		111	70-130		11.1	30	
1,1-Dichloropropylene	50.1		"	50.0		100	77-127		4.11	30	
1,2,3-Trichlorobenzene	49.7		"	50.0		99.4	70-130		5.03	30	
1,2,3-Trichloropropane	52.6		"	50.0		105	81-126		13.4	30	
1,2,4-Trichlorobenzene	53.3		"	50.0		107	70-130		9.86	30	
1,2,4-Trimethylbenzene	53.5		"	50.0		107	84-125		4.96	30	
1,2-Dibromo-3-chloropropane	51.2		"	50.0		102	40-160		18.0	30	
1,2-Dibromoethane	52.6		"	50.0		105	70-130		5.72	30	
1,2-Dichlorobenzene	50.1		"	50.0		100	70-130		6.30	30	
1,2-Dichloroethane	50.1		"	50.0		100	70-130		5.45	30	
1,2-Dichloropropane	56.6		"	50.0		113	70-130		4.67	30	
1,3,5-Trimethylbenzene	51.8		"	50.0		104	82-126		7.39	30	
1,3-Dichlorobenzene	50.1		"	50.0		100	70-130		6.17	30	
1,3-Dichloropropane	51.2		"	50.0		102	83-123		1.61	30	
1,4-Dichlorobenzene	50.5		"	50.0		101	70-130		6.97	30	
1,4-Dioxane	1050		"	1050		100	40-160		20.8	30	
2,2-Dichloropropane	51.1		"	50.0		102	67-136		8.10	30	
2-Butanone	68.4		"	50.0		137	40-160		7.13	30	
2-Chlorotoluene	50.6		"	50.0		101	78-127		9.08	30	
2-Hexanone	51.4		"	50.0		103	40-160		13.3	30	
4-Chlorotoluene	52.7		"	50.0		105	79-125		12.9	30	
4-Methyl-2-pentanone	48.0		"	50.0		96.1	40-160		10.0	30	
Acetone	44.8		"	50.0		89.7	40-160		11.3	30	
Acrolein	12.8		"	50.0		25.6	10-238		20.2	30	
Acrylonitrile	53.9		"	50.0		108	66-141		5.24	30	
Benzene	51.4		"	50.0		103	70-130		8.88	30	
Bromobenzene	50.1		"	50.0		100	77-129		6.24	30	
Bromochloromethane	51.6		"	50.0		103	70-130		5.41	30	
Bromodichloromethane	53.8		"	50.0		108	70-130		11.2	30	
Bromoform	51.4		"	50.0		103	70-130		4.63	30	
Bromomethane	46.5		"	50.0		92.9	40-160		5.05	30	
Carbon disulfide	55.4		"	50.0		111	40-160		8.75	30	
Carbon tetrachloride	52.6		"	50.0		105	70-130		9.61	30	
Chlorobenzene	51.2		"	50.0		102	70-130		8.81	30	
Chloroethane	50.4		"	50.0		101	51-142		12.3	30	
Chloroform	49.2		"	50.0		98.5	70-130		8.67	30	
Chloromethane	50.3		"	50.0		101	49-132		3.52	30	
cis-1,2-Dichloroethylene	46.8		"	50.0		93.6	70-130		7.47	30	
cis-1,3-Dichloropropylene	54.2		"	50.0		108	70-130		8.16	30	
Cyclohexane	51.7		"	50.0		103	70-130		6.16	30	
Dibromochloromethane	50.0		"	50.0		100	70-130		3.44	30	
Dibromomethane	52.9		"	50.0		106	83-124		9.47	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42111 - EPA 5035A											
LCS Dup (BH42111-BSD1) LCS Dup							Prepared & Analyzed: 08/30/2024				
Dichlorodifluoromethane	58.3		ug/L	50.0		117	40-160		3.31	30	
Ethyl Benzene	52.2		"	50.0		104	70-130		4.93	30	
Hexachlorobutadiene	50.6		"	50.0		101	83-133		3.97	30	
Isopropylbenzene	51.0		"	50.0		102	70-130		6.25	30	
Methyl acetate	46.5		"	50.0		93.1	70-130		10.2	30	
Methyl tert-butyl ether (MTBE)	52.0		"	50.0		104	70-130		12.3	30	
Methylcyclohexane	53.0		"	50.0		106	70-130		11.9	30	
Methylene chloride	48.0		"	50.0		95.9	70-130		1.39	30	
n-Butylbenzene	50.6		"	50.0		101	80-130		4.81	30	
n-Propylbenzene	50.4		"	50.0		101	74-136		3.89	30	
o-Xylene	51.3		"	50.0		103	70-130		6.07	30	
p- & m- Xylenes	104		"	100		104	70-130		6.24	30	
p-Isopropyltoluene	51.8		"	50.0		104	85-125		6.97	30	
sec-Butylbenzene	51.5		"	50.0		103	83-125		7.20	30	
Styrene	53.0		"	50.0		106	70-130		5.52	30	
tert-Butyl alcohol (TBA)	224		"	250		89.6	70-130		13.5	30	
tert-Butylbenzene	49.8		"	50.0		99.5	80-127		8.60	30	
Tetrachloroethylene	46.9		"	50.0		93.9	70-130		10.9	30	
Toluene	51.9		"	50.0		104	70-130		7.60	30	
trans-1,2-Dichloroethylene	51.1		"	50.0		102	70-130		9.51	30	
trans-1,3-Dichloropropylene	52.8		"	50.0		106	70-130		6.82	30	
Trichloroethylene	51.4		"	50.0		103	70-130		10.1	30	
Trichlorofluoromethane	47.7		"	50.0		95.3	40-160		12.0	30	
Vinyl Chloride	51.0		"	50.0		102	70-130		5.84	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.1*		*"*	*50.0*		*94.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42111 - EPA 5035A											
Matrix Spike (BH42111-MS1) Matrix Spike	*Source sample: 24H2102-01 (PE07_16)							Prepared & Analyzed: 08/30/2024			
1,1,1,2-Tetrachloroethane	36.9		ug/L	50.0	0.00	73.8	15-161			33	
1,1,1-Trichloroethane	36.7		"	50.0	0.00	73.4	70-130			30	
1,1,2,2-Tetrachloroethane	37.9		"	50.0	0.00	75.8	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39.0		"	50.0	0.00	78.0	70-130			30	
1,1,2-Trichloroethane	38.2		"	50.0	0.00	76.5	70-130			30	
1,1-Dichloroethane	37.1		"	50.0	0.00	74.1	70-130			30	
1,1-Dichloroethylene	41.8		"	50.0	0.00	83.7	70-130			30	
1,1-Dichloropropylene	41.0		"	50.0	0.00	81.9	40-133			28	
1,2,3-Trichlorobenzene	33.4		"	50.0	0.00	66.8	70-130	Low Bias		30	
1,2,3-Trichloropropane	38.7		"	50.0	0.00	77.5	38-155			48	
1,2,4-Trichlorobenzene	35.8		"	50.0	0.00	71.7	70-130			30	
1,2,4-Trimethylbenzene	36.9		"	50.0	0.00	73.8	10-170			242	
1,2-Dibromo-3-chloropropane	36.4		"	50.0	0.00	72.9	40-160			30	
1,2-Dibromoethane	37.9		"	50.0	0.00	75.8	70-130			30	
1,2-Dichlorobenzene	34.2		"	50.0	0.00	68.4	70-130	Low Bias		30	
1,2-Dichloroethane	38.5		"	50.0	0.00	77.0	70-130			30	
1,2-Dichloropropane	38.3		"	50.0	0.00	76.6	70-130			30	
1,3,5-Trimethylbenzene	34.4		"	50.0	0.00	68.8	10-150			62	
1,3-Dichlorobenzene	34.4		"	50.0	0.00	68.9	70-130	Low Bias		30	
1,3-Dichloropropane	39.2		"	50.0	0.00	78.4	43-142			36	
1,4-Dichlorobenzene	33.4		"	50.0	0.00	66.8	70-130	Low Bias		30	
1,4-Dioxane	1020		"	1050	0.00	97.6	40-160			30	
2,2-Dichloropropane	37.3		"	50.0	0.00	74.5	38-130			31	
2-Butanone	49.7		"	50.0	0.00	99.4	40-160			30	
2-Chlorotoluene	33.5		"	50.0	0.00	66.9	14-144			49	
2-Hexanone	39.6		"	50.0	0.00	79.1	40-160			30	
4-Chlorotoluene	32.4		"	50.0	0.00	64.9	15-138			39	
4-Methyl-2-pentanone	37.5		"	50.0	0.00	75.0	40-160			30	
Acetone	72.4		"	50.0	19.6	106	40-160			30	
Acrolein	11.1		"	50.0	0.00	22.1	10-192			128	
Acrylonitrile	45.6		"	50.0	0.00	91.1	13-161			48	
Benzene	38.7		"	50.0	0.00	77.4	70-130			30	
Bromobenzene	33.0		"	50.0	0.00	65.9	23-142			44	
Bromochloromethane	40.8		"	50.0	0.00	81.5	70-130			30	
Bromodichloromethane	37.5		"	50.0	0.00	75.1	70-130			30	
Bromoform	39.6		"	50.0	0.00	79.1	70-130			30	
Bromomethane	35.6		"	50.0	0.00	71.2	40-160			30	
Carbon disulfide	42.7		"	50.0	0.00	85.3	40-160			30	
Carbon tetrachloride	38.6		"	50.0	0.00	77.2	70-130			30	
Chlorobenzene	35.6		"	50.0	0.00	71.3	70-130			30	
Chloroethane	37.6		"	50.0	0.00	75.3	40-160			30	
Chloroform	36.9		"	50.0	0.00	73.8	70-130			30	
Chloromethane	38.4		"	50.0	0.00	76.8	40-160			30	
cis-1,2-Dichloroethylene	33.1		"	50.0	0.00	66.2	70-130	Low Bias		30	
cis-1,3-Dichloropropylene	36.2		"	50.0	0.00	72.5	70-130			30	
Cyclohexane	38.6		"	50.0	0.00	77.3	70-130			30	
Dibromochloromethane	35.9		"	50.0	0.00	71.8	70-130			30	
Dibromomethane	38.2		"	50.0	0.00	76.5	47-143			41	
Dichlorodifluoromethane	42.0		"	50.0	0.00	84.0	40-160			30	
Ethyl Benzene	36.1		"	50.0	0.00	72.2	70-130			30	
Hexachlorobutadiene	33.3		"	50.0	0.00	66.6	10-158			45	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42111 - EPA 5035A											
Matrix Spike (BH42111-MS1) Matrix Spike	*Source sample: 24H2102-01 (PE07_16)								Prepared & Analyzed: 08/30/2024		
Isopropylbenzene	33.8		ug/L	50.0	0.00	67.7	70-130	Low Bias		30	
Methyl acetate	40.2		"	50.0	0.00	80.4	70-130			30	
Methyl tert-butyl ether (MTBE)	40.6		"	50.0	0.00	81.1	70-130			30	
Methylcyclohexane	34.4		"	50.0	0.00	68.8	70-130	Low Bias		30	
Methylene chloride	40.7		"	50.0	0.00	81.3	70-130			30	
n-Butylbenzene	33.8		"	50.0	0.00	67.5	10-162			96	
n-Propylbenzene	34.8		"	50.0	0.00	69.7	10-155			56	
o-Xylene	35.2		"	50.0	0.00	70.4	70-130			30	
p- & m- Xylenes	69.9		"	100	0.00	69.9	70-130	Low Bias		30	
p-Isopropyltoluene	34.4		"	50.0	0.00	68.9	10-147			60	
sec-Butylbenzene	34.4		"	50.0	0.00	68.8	10-157			56	
Styrene	36.0		"	50.0	0.00	72.1	70-130			30	
tert-Butyl alcohol (TBA)	224		"	250	0.00	89.8	34-179			35	
tert-Butylbenzene	33.1		"	50.0	0.00	66.2	10-160			79	
Tetrachloroethylene	32.5		"	50.0	0.00	64.9	70-130	Low Bias		30	
Toluene	36.7		"	50.0	0.00	73.4	70-130			30	
trans-1,2-Dichloroethylene	37.6		"	50.0	0.00	75.2	70-130			30	
trans-1,3-Dichloropropylene	36.1		"	50.0	0.00	72.3	70-130			30	
Trichloroethylene	34.8		"	50.0	0.00	69.6	70-130	Low Bias		30	
Trichlorofluoromethane	36.5		"	50.0	0.00	73.0	40-160			30	
Vinyl Chloride	36.0		"	50.0	0.00	72.1	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.8*		*"*	*50.0*		*110*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.6*		*"*	*50.0*		*93.2*	*76-130*				
Matrix Spike Dup (BH42111-M Matrix Spike Dup	*Source sample: 24H2102-01 (PE07_16)								Prepared & Analyzed: 08/30/2024		
1,1,1,2-Tetrachloroethane	33.4		ug/L	50.0	0.00	66.9	15-161		9.81	33	
1,1,1-Trichloroethane	29.4		"	50.0	0.00	58.8	70-130	Low Bias	22.1	30	
1,1,2,2-Tetrachloroethane	36.5		"	50.0	0.00	73.0	70-130		3.87	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	33.6		"	50.0	0.00	67.1	70-130	Low Bias	15.0	30	
1,1,2-Trichloroethane	36.5		"	50.0	0.00	73.0	70-130		4.66	30	
1,1-Dichloroethane	31.4		"	50.0	0.00	62.7	70-130	Low Bias	16.7	30	
1,1-Dichloroethylene	33.4		"	50.0	0.00	66.9	70-130	Low Bias	22.3	30	
1,1-Dichloropropylene	33.8		"	50.0	0.00	67.6	40-133		19.2	28	
1,2,3-Trichlorobenzene	31.8		"	50.0	0.00	63.5	70-130	Low Bias	5.06	30	
1,2,3-Trichloropropane	36.6		"	50.0	0.00	73.3	38-155		5.54	48	
1,2,4-Trichlorobenzene	31.4		"	50.0	0.00	62.8	70-130	Low Bias	13.3	30	
1,2,4-Trimethylbenzene	33.1		"	50.0	0.00	66.3	10-170		10.8	242	
1,2-Dibromo-3-chloropropane	35.9		"	50.0	0.00	71.9	40-160		1.44	30	
1,2-Dibromoethane	34.9		"	50.0	0.00	69.9	70-130	Low Bias	8.18	30	
1,2-Dichlorobenzene	31.5		"	50.0	0.00	62.9	70-130	Low Bias	8.29	30	
1,2-Dichloroethane	33.8		"	50.0	0.00	67.6	70-130	Low Bias	12.9	30	
1,2-Dichloropropane	34.6		"	50.0	0.00	69.3	70-130	Low Bias	10.1	30	
1,3,5-Trimethylbenzene	31.7		"	50.0	0.00	63.4	10-150		8.23	62	
1,3-Dichlorobenzene	30.7		"	50.0	0.00	61.5	70-130	Low Bias	11.3	30	
1,3-Dichloropropane	36.9		"	50.0	0.00	73.9	43-142		5.91	36	
1,4-Dichlorobenzene	31.1		"	50.0	0.00	62.3	70-130	Low Bias	7.07	30	
1,4-Dioxane	861		"	1050	0.00	82.0	40-160		17.4	30	
2,2-Dichloropropane	31.1		"	50.0	0.00	62.2	38-130		18.1	31	
2-Butanone	40.3		"	50.0	0.00	80.7	40-160		20.9	30	
2-Chlorotoluene	29.8		"	50.0	0.00	59.6	14-144		11.5	49	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42111 - EPA 5035A											
Matrix Spike Dup (BH42111-M Matrix Spike Dup	*Source sample: 24H2102-01 (PE07_16)								Prepared & Analyzed: 08/30/2024		
2-Hexanone	35.6		ug/L	50.0	0.00	71.1	40-160		10.6	30	
4-Chlorotoluene	32.4		"	50.0	0.00	64.8	15-138		0.154	39	
4-Methyl-2-pentanone	34.9		"	50.0	0.00	69.9	40-160		7.07	30	
Acetone	62.3		"	50.0	18.9	86.9	40-160		14.9	30	
Acrolein	9.01		"	50.0	0.00	18.0	10-192		20.4	128	
Acrylonitrile	38.7		"	50.0	0.00	77.3	13-161		16.4	48	
Benzene	34.1		"	50.0	0.00	68.2	70-130	Low Bias	12.6	30	
Bromobenzene	31.3		"	50.0	0.00	62.5	23-142		5.26	44	
Bromochloromethane	36.4		"	50.0	0.00	72.8	70-130		11.2	30	
Bromodichloromethane	32.1		"	50.0	0.00	64.3	70-130	Low Bias	15.5	30	
Bromoform	36.3		"	50.0	0.00	72.5	70-130		8.70	30	
Bromomethane	31.0		"	50.0	0.00	62.0	40-160		13.9	30	
Carbon disulfide	36.6		"	50.0	0.00	73.1	40-160		15.4	30	
Carbon tetrachloride	30.9		"	50.0	0.00	61.7	70-130	Low Bias	22.2	30	
Chlorobenzene	31.3		"	50.0	0.00	62.5	70-130	Low Bias	13.1	30	
Chloroethane	30.2		"	50.0	0.00	60.4	40-160		21.8	30	
Chloroform	32.2		"	50.0	0.00	64.3	70-130	Low Bias	13.6	30	
Chloromethane	32.4		"	50.0	0.00	64.8	40-160		17.0	30	
cis-1,2-Dichloroethylene	31.2		"	50.0	0.00	62.4	70-130	Low Bias	6.03	30	
cis-1,3-Dichloropropylene	33.9		"	50.0	0.00	67.7	70-130	Low Bias	6.79	30	
Cyclohexane	33.2		"	50.0	0.00	66.4	70-130	Low Bias	15.2	30	
Dibromochloromethane	33.9		"	50.0	0.00	67.7	70-130	Low Bias	5.82	30	
Dibromomethane	34.2		"	50.0	0.00	68.4	47-143		11.2	41	
Dichlorodifluoromethane	36.3		"	50.0	0.00	72.6	40-160		14.6	30	
Ethyl Benzene	31.8		"	50.0	0.00	63.6	70-130	Low Bias	12.5	30	
Hexachlorobutadiene	31.0		"	50.0	0.00	61.9	10-158		7.19	45	
Isopropylbenzene	30.4		"	50.0	0.00	60.8	70-130	Low Bias	10.7	30	
Methyl acetate	40.8		"	50.0	0.00	81.5	70-130		1.41	30	
Methyl tert-butyl ether (MTBE)	36.2		"	50.0	0.00	72.4	70-130		11.4	30	
Methylcyclohexane	30.1		"	50.0	0.00	60.3	70-130	Low Bias	13.2	30	
Methylene chloride	33.6		"	50.0	0.00	67.2	70-130	Low Bias	19.0	30	
n-Butylbenzene	30.2		"	50.0	0.00	60.4	10-162		11.2	96	
n-Propylbenzene	30.7		"	50.0	0.00	61.4	10-155		12.6	56	
o-Xylene	32.0		"	50.0	0.00	64.1	70-130	Low Bias	9.34	30	
p- & m- Xylenes	62.4		"	100	0.00	62.4	70-130	Low Bias	11.4	30	
p-Isopropyltoluene	31.3		"	50.0	0.00	62.6	10-147		9.49	60	
sec-Butylbenzene	30.6		"	50.0	0.00	61.2	10-157		11.7	56	
Styrene	33.1		"	50.0	0.00	66.2	70-130	Low Bias	8.53	30	
tert-Butyl alcohol (TBA)	168		"	250	0.00	67.0	34-179		29.0	35	
tert-Butylbenzene	30.0		"	50.0	0.00	60.0	10-160		9.82	79	
Tetrachloroethylene	27.3		"	50.0	0.00	54.7	70-130	Low Bias	17.1	30	
Toluene	32.1		"	50.0	0.00	64.2	70-130	Low Bias	13.4	30	
trans-1,2-Dichloroethylene	32.0		"	50.0	0.00	64.1	70-130	Low Bias	16.0	30	
trans-1,3-Dichloropropylene	34.0		"	50.0	0.00	68.0	70-130	Low Bias	6.07	30	
Trichloroethylene	31.1		"	50.0	0.00	62.2	70-130	Low Bias	11.1	30	
Trichlorofluoromethane	29.6		"	50.0	0.00	59.1	40-160		21.0	30	
Vinyl Chloride	32.0		"	50.0	0.00	64.1	70-130	Low Bias	11.8	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.3*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40191 - EPA 5030B											
Blank (BI40191-BLK1) Blank									Prepared & Analyzed: 08/30/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40191 - EPA 5030B											
Blank (BI40191-BLK1) Blank								Prepared & Analyzed: 08/30/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.18*		*"*	*10.0*		*91.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.8*		*"*	*10.0*		*118*	*70-130*				
LCS (BI40191-BS1) LCS								Prepared & Analyzed: 08/30/2024			
1,1,1,2-Tetrachloroethane	9.46		ug/L	10.0		94.6	82-126			30	
1,1,1-Trichloroethane	9.36		"	10.0		93.6	70-130			20	
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130			20	
1,1,2-Trichloroethane	9.00		"	10.0		90.0	70-130			20	
1,1-Dichloroethane	9.57		"	10.0		95.7	70-130			20	
1,1-Dichloroethylene	10.7		"	10.0		107	70-130			20	
1,1-Dichloropropylene	9.97		"	10.0		99.7	83-133			30	
1,2,3-Trichlorobenzene	9.63		"	10.0		96.3	70-130			20	
1,2,3-Trichloropropane	12.4		"	10.0		124	77-128			30	
1,2,4-Trichlorobenzene	6.77		"	10.0		67.7	70-130	Low Bias		20	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132			20	
1,2-Dibromo-3-chloropropane	13.9		"	10.0		139	40-160			20	
1,2-Dibromoethane	9.01		"	10.0		90.1	70-130			20	
1,2-Dichlorobenzene	9.24		"	10.0		92.4	70-130			20	
1,2-Dichloroethane	9.45		"	10.0		94.5	70-130			20	
1,2-Dichloropropane	9.95		"	10.0		99.5	70-130			20	
1,3,5-Trimethylbenzene	11.7		"	10.0		117	80-131			30	
1,3-Dichlorobenzene	9.76		"	10.0		97.6	70-130			20	
1,3-Dichloropropane	9.20		"	10.0		92.0	81-125			30	
1,4-Dichlorobenzene	9.51		"	10.0		95.1	70-130			20	
1,4-Dioxane	199		"	210		94.6	40-160			20	
2,2-Dichloropropane	9.51		"	10.0		95.1	56-150			30	
2-Butanone	8.94		"	10.0		89.4	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40191 - EPA 5030B											
LCS (BI40191-BS1) LCS							Prepared & Analyzed: 08/30/2024				
2-Chlorotoluene	11.2		ug/L	10.0		112	79-130			30	
2-Hexanone	9.31		"	10.0		93.1	40-160			20	
4-Chlorotoluene	11.0		"	10.0		110	79-128			30	
4-Methyl-2-pentanone	7.45		"	10.0		74.5	40-160			20	
Acetone	11.3		"	10.0		113	40-160			20	
Acrolein	3.61		"	10.0		36.1	10-153			30	
Acrylonitrile	11.9		"	10.0		119	51-150			30	
Benzene	9.92		"	10.0		99.2	70-130			20	
Bromobenzene	11.0		"	10.0		110	78-129			30	
Bromochloromethane	9.00		"	10.0		90.0	70-130			20	
Bromodichloromethane	9.26		"	10.0		92.6	70-130			20	
Bromoform	7.60		"	10.0		76.0	70-130			20	
Bromomethane	10.1		"	10.0		101	40-160			20	
Carbon disulfide	10.6		"	10.0		106	40-160			20	
Carbon tetrachloride	9.51		"	10.0		95.1	70-130			20	
Chlorobenzene	9.28		"	10.0		92.8	70-130			20	
Chloroethane	9.76		"	10.0		97.6	40-160			20	
Chloroform	9.54		"	10.0		95.4	70-130			20	
Chloromethane	9.99		"	10.0		99.9	40-160			20	
cis-1,2-Dichloroethylene	9.53		"	10.0		95.3	70-130			20	
cis-1,3-Dichloropropylene	8.90		"	10.0		89.0	70-130			20	
Cyclohexane	8.40		"	10.0		84.0	70-130			20	
Dibromochloromethane	8.70		"	10.0		87.0	70-130			20	
Dibromomethane	8.80		"	10.0		88.0	72-134			30	
Dichlorodifluoromethane	11.3		"	10.0		113	40-160			20	
Ethyl Benzene	10.2		"	10.0		102	70-130			20	
Hexachlorobutadiene	7.87		"	10.0		78.7	67-146			30	
Isopropylbenzene	12.1		"	10.0		121	70-130			20	
Methyl acetate	8.76		"	10.0		87.6	70-130			20	
Methyl tert-butyl ether (MTBE)	8.32		"	10.0		83.2	70-130			20	
Methylcyclohexane	10.2		"	10.0		102	70-130			20	
Methylene chloride	9.52		"	10.0		95.2	70-130			20	
n-Butylbenzene	10.7		"	10.0		107	79-132			30	
n-Propylbenzene	11.9		"	10.0		119	78-133			30	
o-Xylene	9.64		"	10.0		96.4	70-130			20	
p- & m- Xylenes	20.1		"	20.0		100	70-130			20	
p-Isopropyltoluene	11.5		"	10.0		115	81-136			30	
sec-Butylbenzene	11.7		"	10.0		117	79-137			30	
Styrene	9.58		"	10.0		95.8	70-130			20	
tert-Butyl alcohol (TBA)	11.4		"	50.0		22.7	25-162	Low Bias		30	
tert-Butylbenzene	10.8		"	10.0		108	77-138			30	
Tetrachloroethylene	9.26		"	10.0		92.6	70-130			20	
Toluene	10.0		"	10.0		100	70-130			20	
trans-1,2-Dichloroethylene	9.90		"	10.0		99.0	70-130			20	
trans-1,3-Dichloropropylene	7.66		"	10.0		76.6	70-130			20	
Trichloroethylene	9.86		"	10.0		98.6	70-130			20	
Trichlorofluoromethane	9.40		"	10.0		94.0	40-160			20	
Vinyl Chloride	10.2		"	10.0		102	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.11*		*"*	*10.0*		*91.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.4*		*"*	*10.0*		*114*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40191 - EPA 5030B											
LCS (BI40191-BS1) LCS								Prepared & Analyzed: 08/30/2024			
LCS Dup (BI40191-BSD1) LCS Dup								Prepared & Analyzed: 08/30/2024			
1,1,1,2-Tetrachloroethane	8.92		ug/L	10.0		89.2	82-126		5.88	30	
1,1,1-Trichloroethane	8.87		"	10.0		88.7	70-130		5.38	20	
1,1,2,2-Tetrachloroethane	9.96		"	10.0		99.6	70-130		5.47	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.60		"	10.0		96.0	70-130		7.71	20	
1,1,2-Trichloroethane	9.01		"	10.0		90.1	70-130		0.111	20	
1,1-Dichloroethane	9.14		"	10.0		91.4	70-130		4.60	20	
1,1-Dichloroethylene	10.1		"	10.0		101	70-130		5.79	20	
1,1-Dichloropropylene	9.42		"	10.0		94.2	83-133		5.67	30	
1,2,3-Trichlorobenzene	9.76		"	10.0		97.6	70-130		1.34	20	
1,2,3-Trichloropropane	11.9		"	10.0		119	77-128		4.77	30	
1,2,4-Trichlorobenzene	7.15		"	10.0		71.5	70-130		5.46	20	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		3.42	20	
1,2-Dibromo-3-chloropropane	17.4		"	10.0		174	40-160	High Bias	21.9	20	Non-dir.
1,2-Dibromoethane	8.84		"	10.0		88.4	70-130		1.90	20	
1,2-Dichlorobenzene	8.92		"	10.0		89.2	70-130		3.52	20	
1,2-Dichloroethane	8.83		"	10.0		88.3	70-130		6.78	20	
1,2-Dichloropropane	9.56		"	10.0		95.6	70-130		4.00	20	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		7.54	30	
1,3-Dichlorobenzene	9.44		"	10.0		94.4	70-130		3.33	20	
1,3-Dichloropropane	8.97		"	10.0		89.7	81-125		2.53	30	
1,4-Dichlorobenzene	8.96		"	10.0		89.6	70-130		5.96	20	
1,4-Dioxane	242		"	210		115	40-160		19.9	20	
2,2-Dichloropropane	9.26		"	10.0		92.6	56-150		2.66	30	
2-Butanone	9.09		"	10.0		90.9	40-160		1.66	20	
2-Chlorotoluene	10.6		"	10.0		106	79-130		5.44	30	
2-Hexanone	7.98		"	10.0		79.8	40-160		15.4	20	
4-Chlorotoluene	10.4		"	10.0		104	79-128		6.26	30	
4-Methyl-2-pentanone	7.34		"	10.0		73.4	40-160		1.49	20	
Acetone	9.67		"	10.0		96.7	40-160		15.5	20	
Acrolein	4.73		"	10.0		47.3	10-153		26.9	30	
Acrylonitrile	8.91		"	10.0		89.1	51-150		28.7	30	
Benzene	9.59		"	10.0		95.9	70-130		3.38	20	
Bromobenzene	10.3		"	10.0		103	78-129		6.46	30	
Bromochloromethane	8.77		"	10.0		87.7	70-130		2.59	20	
Bromodichloromethane	8.98		"	10.0		89.8	70-130		3.07	20	
Bromoform	7.50		"	10.0		75.0	70-130		1.32	20	
Bromomethane	9.39		"	10.0		93.9	40-160		7.38	20	
Carbon disulfide	9.91		"	10.0		99.1	40-160		6.26	20	
Carbon tetrachloride	8.94		"	10.0		89.4	70-130		6.18	20	
Chlorobenzene	9.01		"	10.0		90.1	70-130		2.95	20	
Chloroethane	9.16		"	10.0		91.6	40-160		6.34	20	
Chloroform	9.15		"	10.0		91.5	70-130		4.17	20	
Chloromethane	9.43		"	10.0		94.3	40-160		5.77	20	
cis-1,2-Dichloroethylene	9.28		"	10.0		92.8	70-130		2.66	20	
cis-1,3-Dichloropropylene	8.41		"	10.0		84.1	70-130		5.66	20	
Cyclohexane	7.72		"	10.0		77.2	70-130		8.44	20	
Dibromochloromethane	8.40		"	10.0		84.0	70-130		3.51	20	
Dibromomethane	8.51		"	10.0		85.1	72-134		3.35	30	
Dichlorodifluoromethane	10.0		"	10.0		100	40-160		11.5	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40191 - EPA 5030B											
LCS Dup (BI40191-BSD1) LCS Dup								Prepared & Analyzed: 08/30/2024			
Ethyl Benzene	9.73		ug/L	10.0		97.3	70-130		4.62	20	
Hexachlorobutadiene	7.85		"	10.0		78.5	67-146		0.254	30	
Isopropylbenzene	11.1		"	10.0		111	70-130		8.43	20	
Methyl acetate	9.19		"	10.0		91.9	70-130		4.79	20	
Methyl tert-butyl ether (MTBE)	8.09		"	10.0		80.9	70-130		2.80	20	
Methylcyclohexane	9.19		"	10.0		91.9	70-130		9.93	20	
Methylene chloride	9.11		"	10.0		91.1	70-130		4.40	20	
n-Butylbenzene	10.3		"	10.0		103	79-132		4.29	30	
n-Propylbenzene	11.0		"	10.0		110	78-133		7.94	30	
o-Xylene	9.36		"	10.0		93.6	70-130		2.95	20	
p- & m- Xylenes	19.1		"	20.0		95.7	70-130		4.84	20	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		5.17	30	
sec-Butylbenzene	10.9		"	10.0		109	79-137		7.10	30	
Styrene	9.27		"	10.0		92.7	70-130		3.29	20	
tert-Butyl alcohol (TBA)	12.1		"	50.0		24.1	25-162	Low Bias	6.15	30	
tert-Butylbenzene	9.93		"	10.0		99.3	77-138		8.02	30	
Tetrachloroethylene	8.77		"	10.0		87.7	70-130		5.44	20	
Toluene	9.58		"	10.0		95.8	70-130		4.29	20	
trans-1,2-Dichloroethylene	9.41		"	10.0		94.1	70-130		5.08	20	
trans-1,3-Dichloropropylene	7.51		"	10.0		75.1	70-130		1.98	20	
Trichloroethylene	9.29		"	10.0		92.9	70-130		5.95	20	
Trichlorofluoromethane	8.79		"	10.0		87.9	40-160		6.71	20	
Vinyl Chloride	9.42		"	10.0		94.2	70-130		7.85	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.35*		*"*	*10.0*		*93.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI40052 - EPA 3550C

Blank (BI40052-BLK1) Blank — Prepared & Analyzed: 09/03/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40052 - EPA 3550C											
Blank (BI40052-BLK1) Blank									Prepared & Analyzed: 09/03/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.40*		"	*1.66*		*84.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.25*		"	*1.66*		*75.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.735*		"	*0.831*		*88.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.751*		"	*0.831*		*90.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.21*		"	*1.66*		*133*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.956*		"	*0.831*		*115*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40052 - EPA 3550C											
LCS (BI40052-BS1) LCS							Prepared & Analyzed: 09/03/2024				
1,1-Biphenyl	0.744	0.0416	mg/kg wet	0.831		89.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.807	0.0830	"	0.831		97.1	21-131				
1,2,4-Trichlorobenzene	0.852	0.0416	"	0.831		103	10-140				
1,2-Dichlorobenzene	0.694	0.0416	"	0.831		83.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.576	0.0416	"	0.831		69.4	17-137				
1,3-Dichlorobenzene	0.686	0.0416	"	0.831		82.6	33-110				
1,4-Dichlorobenzene	0.695	0.0416	"	0.831		83.6	32-104				
2,3,4,6-Tetrachlorophenol	0.947	0.0830	"	0.831		114	30-130				
2,4,5-Trichlorophenol	0.900	0.0416	"	0.831		108	27-118				
2,4,6-Trichlorophenol	0.866	0.0416	"	0.831		104	31-120				
2,4-Dichlorophenol	0.882	0.0416	"	0.831		106	20-127				
2,4-Dimethylphenol	0.734	0.0416	"	0.831		88.3	14-132				
2,4-Dinitrophenol	0.818	0.0830	"	0.831		98.5	10-171				
2,4-Dinitrotoluene	0.787	0.0416	"	0.831		94.8	34-131				
2,6-Dinitrotoluene	0.784	0.0416	"	0.831		94.4	31-128				
2-Chloronaphthalene	0.726	0.0416	"	0.831		87.4	31-117				
2-Chlorophenol	0.721	0.0416	"	0.831		86.8	33-113				
2-Methylnaphthalene	0.786	0.0416	"	0.831		94.6	12-138				
2-Methylphenol	0.683	0.0416	"	0.831		82.3	10-136				
2-Nitroaniline	0.801	0.0830	"	0.831		96.4	27-132				
2-Nitrophenol	0.746	0.0416	"	0.831		89.8	17-129				
3- & 4-Methylphenols	0.603	0.0416	"	0.831		72.6	29-103				
3,3-Dichlorobenzidine	0.690	0.0416	"	0.831		83.1	22-149				
3-Nitroaniline	0.759	0.0830	"	0.831		91.4	20-133				
4,6-Dinitro-2-methylphenol	0.302	0.0830	"	0.831		36.3	10-143				
4-Bromophenyl phenyl ether	0.812	0.0416	"	0.831		97.8	29-120				
4-Chloro-3-methylphenol	0.818	0.0416	"	0.831		98.5	24-129				
4-Chloroaniline	0.621	0.0416	"	0.831		74.7	10-132				
4-Chlorophenyl phenyl ether	0.825	0.0416	"	0.831		99.3	27-124				
4-Nitroaniline	0.805	0.0830	"	0.831		97.0	16-128				
4-Nitrophenol	0.783	0.0830	"	0.831		94.2	10-141				
Acenaphthene	0.697	0.0416	"	0.831		83.9	30-121				
Acenaphthylene	0.684	0.0416	"	0.831		82.4	30-115				
Acetophenone	0.650	0.0416	"	0.831		78.3	20-112				
Aniline	0.433	0.166	"	0.831		52.2	10-119				
Anthracene	0.779	0.0416	"	0.831		93.8	34-118				
Atrazine	0.763	0.0416	"	0.831		91.9	26-112				
Benzaldehyde	0.435	0.0416	"	0.831		52.4	21-100				
Benzo(a)anthracene	0.757	0.0416	"	0.831		91.1	32-122				
Benzo(a)pyrene	0.757	0.0416	"	0.831		91.2	29-133				
Benzo(b)fluoranthene	0.727	0.0416	"	0.831		87.5	25-133				
Benzo(g,h,i)perylene	0.868	0.0416	"	0.831		104	10-143				
Benzo(k)fluoranthene	0.729	0.0416	"	0.831		87.7	25-128				
Benzoic acid	0.857	0.0416	"	0.831		103	10-140				
Benzyl alcohol	0.615	0.0416	"	0.831		74.1	30-115				
Benzyl butyl phthalate	0.606	0.0416	"	0.831		73.0	26-126				
Bis(2-chloroethoxy)methane	0.655	0.0416	"	0.831		78.8	19-132				
Bis(2-chloroethyl)ether	0.608	0.0416	"	0.831		73.2	19-125				
Bis(2-chloroisopropyl)ether	0.534	0.0416	"	0.831		64.3	20-135				
Bis(2-ethylhexyl)phthalate	0.585	0.0416	"	0.831		70.5	10-155				
Caprolactam	0.963	0.0830	"	0.831		116	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40052 - EPA 3550C											
LCS (BI40052-BS1) LCS							Prepared & Analyzed: 09/03/2024				
Carbazole	0.760	0.0416	mg/kg wet	0.831		91.5	35-123				
Chrysene	0.740	0.0416	"	0.831		89.1	32-123				
Dibenzo(a,h)anthracene	1.04	0.0416	"	0.831		125	10-136				
Dibenzofuran	0.763	0.0416	"	0.831		91.8	29-121				
Diethyl phthalate	0.740	0.0416	"	0.831		89.1	34-116				
Dimethyl phthalate	0.739	0.0416	"	0.831		89.0	35-124				
Di-n-butyl phthalate	0.705	0.0416	"	0.831		84.9	31-116				
Di-n-octyl phthalate	0.606	0.0416	"	0.831		72.9	26-136				
Fluoranthene	0.887	0.0416	"	0.831		107	33-122				
Fluorene	0.764	0.0416	"	0.831		92.0	29-123				
Hexachlorobenzene	0.705	0.0416	"	0.831		84.9	21-124				
Hexachlorobutadiene	0.952	0.0416	"	0.831		115	10-149				
Hexachlorocyclopentadiene	0.284	0.0416	"	0.831		34.2	10-129				
Hexachloroethane	0.601	0.0416	"	0.831		72.4	28-108				
Indeno(1,2,3-cd)pyrene	0.974	0.0416	"	0.831		117	10-135				
Isophorone	0.670	0.0416	"	0.831		80.7	20-132				
Naphthalene	0.728	0.0416	"	0.831		87.7	23-124				
Nitrobenzene	0.691	0.0416	"	0.831		83.2	13-132				
N-Nitrosodimethylamine	0.513	0.0416	"	0.831		61.8	11-129				
N-nitroso-di-n-propylamine	0.590	0.0416	"	0.831		71.1	24-119				
N-Nitrosodiphenylamine	0.805	0.0416	"	0.831		96.9	22-152				
Pentachlorophenol	1.06	0.0416	"	0.831		127	10-139				
Phenanthrene	0.766	0.0416	"	0.831		92.3	33-123				
Phenol	0.649	0.0416	"	0.831		78.2	23-115				
Pyrene	0.690	0.0416	"	0.831		83.0	24-130				
Pyridine	0.454	0.166	"	0.831		54.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.40*		"	*1.66*		*84.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.26*		"	*1.66*		*75.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.747*		"	*0.831*		*89.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.760*		"	*0.831*		*91.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.08*		"	*1.66*		*125*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.757*		"	*0.831*		*91.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40052 - EPA 3550C											
Matrix Spike (BI40052-MS1) Matrix Spike *Source sample: 24H2102-01 (PE07_16)								Prepared & Analyzed: 09/03/2024			
1,1-Biphenyl	0.712	0.0880	mg/kg dry	0.879	ND	81.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.784	0.176	"	0.879	ND	89.2	10-133				
1,2,4-Trichlorobenzene	0.824	0.0880	"	0.879	ND	93.8	10-127				
1,2-Dichlorobenzene	0.678	0.0880	"	0.879	ND	77.1	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.543	0.0880	"	0.879	ND	61.8	10-144				
1,3-Dichlorobenzene	0.689	0.0880	"	0.879	ND	78.4	11-111				
1,4-Dichlorobenzene	0.691	0.0880	"	0.879	ND	78.6	10-106				
2,3,4,6-Tetrachlorophenol	0.925	0.176	"	0.879	ND	105	30-130				
2,4,5-Trichlorophenol	0.851	0.0880	"	0.879	ND	96.8	10-127				
2,4,6-Trichlorophenol	0.839	0.0880	"	0.879	ND	95.4	10-132				
2,4-Dichlorophenol	0.834	0.0880	"	0.879	ND	94.9	10-128				
2,4-Dimethylphenol	0.678	0.0880	"	0.879	ND	77.1	10-137				
2,4-Dinitrophenol	0.995	0.176	"	0.879	ND	113	10-171				
2,4-Dinitrotoluene	0.720	0.0880	"	0.879	ND	81.9	16-135				
2,6-Dinitrotoluene	0.726	0.0880	"	0.879	ND	82.6	18-131				
2-Chloronaphthalene	0.707	0.0880	"	0.879	ND	80.4	10-129				
2-Chlorophenol	0.694	0.0880	"	0.879	ND	79.0	15-116				
2-Methylnaphthalene	0.771	0.0880	"	0.879	ND	87.7	10-147				
2-Methylphenol	0.651	0.0880	"	0.879	ND	74.0	10-136				
2-Nitroaniline	0.764	0.176	"	0.879	ND	86.9	10-137				
2-Nitrophenol	0.690	0.0880	"	0.879	ND	78.5	10-129				
3- & 4-Methylphenols	0.577	0.0880	"	0.879	ND	65.6	10-123				
3,3-Dichlorobenzidine	0.703	0.0880	"	0.879	ND	80.0	10-155				
3-Nitroaniline	0.736	0.176	"	0.879	ND	83.7	12-133				
4,6-Dinitro-2-methylphenol	0.116	0.176	"	0.879	ND	13.2	10-155				
4-Bromophenyl phenyl ether	0.765	0.0880	"	0.879	ND	87.0	14-128				
4-Chloro-3-methylphenol	0.776	0.0880	"	0.879	ND	88.3	10-134				
4-Chloroaniline	0.627	0.0880	"	0.879	ND	71.4	10-145				
4-Chlorophenyl phenyl ether	0.802	0.0880	"	0.879	ND	91.2	14-130				
4-Nitroaniline	0.788	0.176	"	0.879	ND	89.6	10-147				
4-Nitrophenol	0.740	0.176	"	0.879	ND	84.2	10-137				
Acenaphthene	0.698	0.0880	"	0.879	ND	79.4	10-146				
Acenaphthylene	0.672	0.0880	"	0.879	ND	76.5	10-134				
Acetophenone	0.622	0.0880	"	0.879	ND	70.7	10-116				
Aniline	0.416	0.352	"	0.879	ND	47.3	10-123				
Anthracene	0.763	0.0880	"	0.879	ND	86.8	10-142				
Atrazine	0.740	0.0880	"	0.879	ND	84.2	19-115				
Benzaldehyde	0.421	0.0880	"	0.879	ND	47.8	10-125				
Benzo(a)anthracene	0.814	0.0880	"	0.879	ND	92.6	10-158				
Benzo(a)pyrene	0.788	0.0880	"	0.879	ND	89.6	10-180				
Benzo(b)fluoranthene	0.727	0.0880	"	0.879	ND	82.7	10-200				
Benzo(g,h,i)perylene	0.881	0.0880	"	0.879	ND	100	10-138				
Benzo(k)fluoranthene	0.729	0.0880	"	0.879	ND	83.0	10-197				
Benzoic acid	0.466	0.0880	"	0.879	ND	53.0	10-166				
Benzyl alcohol	0.582	0.0880	"	0.879	ND	66.2	12-124				
Benzyl butyl phthalate	0.608	0.0880	"	0.879	ND	69.2	10-154				
Bis(2-chloroethoxy)methane	0.627	0.0880	"	0.879	ND	71.3	10-132				
Bis(2-chloroethyl)ether	0.570	0.0880	"	0.879	ND	64.9	10-119				
Bis(2-chloroisopropyl)ether	0.514	0.0880	"	0.879	ND	58.5	10-139				
Bis(2-ethylhexyl)phthalate	0.599	0.0880	"	0.879	ND	68.2	10-167				
Caprolactam	0.888	0.176	"	0.879	ND	101	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40052 - EPA 3550C											
Matrix Spike (BI40052-MS1) Matrix Spike *Source sample: 24H2102-01 (PE07_16)								Prepared & Analyzed: 09/03/2024			
Carbazole	0.728	0.0880	mg/kg dry	0.879	ND	82.8	10-167				
Chrysene	0.801	0.0880	"	0.879	ND	91.1	10-156				
Dibenzo(a,h)anthracene	1.01	0.0880	"	0.879	ND	115	10-137				
Dibenzofuran	0.743	0.0880	"	0.879	ND	84.6	10-147				
Diethyl phthalate	0.712	0.0880	"	0.879	ND	81.0	20-120				
Dimethyl phthalate	0.707	0.0880	"	0.879	ND	80.5	18-131				
Di-n-butyl phthalate	0.667	0.0880	"	0.879	ND	75.8	10-137				
Di-n-octyl phthalate	0.596	0.0880	"	0.879	ND	67.8	10-180				
Fluoranthene	1.08	0.0880	"	0.879	ND	123	10-160				
Fluorene	0.749	0.0880	"	0.879	ND	85.2	10-157				
Hexachlorobenzene	0.686	0.0880	"	0.879	ND	78.1	10-137				
Hexachlorobutadiene	0.916	0.0880	"	0.879	ND	104	10-132				
Hexachlorocyclopentadiene	0.131	0.0880	"	0.879	ND	14.9	10-106				
Hexachloroethane	0.522	0.0880	"	0.879	ND	59.4	10-110				
Indeno(1,2,3-cd)pyrene	0.977	0.0880	"	0.879	ND	111	10-144				
Isophorone	0.634	0.0880	"	0.879	ND	72.1	10-132				
Naphthalene	0.716	0.0880	"	0.879	ND	81.4	10-141				
Nitrobenzene	0.669	0.0880	"	0.879	ND	76.1	10-131				
N-Nitrosodimethylamine	0.512	0.0880	"	0.879	ND	58.2	10-126				
N-nitroso-di-n-propylamine	0.562	0.0880	"	0.879	ND	63.9	10-125				
N-Nitrosodiphenylamine	0.778	0.0880	"	0.879	ND	88.5	10-177				
Pentachlorophenol	0.975	0.0880	"	0.879	ND	111	10-153				
Phenanthrene	0.853	0.0880	"	0.879	ND	97.0	10-148				
Phenol	0.622	0.0880	"	0.879	ND	70.8	10-126				
Pyrene	0.865	0.0880	"	0.879	0.0577	91.8	10-165				
Pyridine	0.459	0.352	"	0.879	ND	52.2	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.36*		*"*	*1.76*		*77.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.23*		*"*	*1.76*		*70.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.723*		*"*	*0.879*		*82.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.738*		*"*	*0.879*		*84.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.99*		*"*	*1.76*		*113*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.788*		*"*	*0.879*		*89.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40052 - EPA 3550C											
Matrix Spike Dup (BI40052-M Matrix Spike Dup	*Source sample: 24H2102-01 (PE07_16)							Prepared & Analyzed: 09/03/2024			
1,1-Biphenyl	0.650	0.0880	mg/kg dry	0.879	ND	73.9	10-130		9.19	30	
1,2,4,5-Tetrachlorobenzene	0.699	0.176	"	0.879	ND	79.5	10-133		11.5	30	
1,2,4-Trichlorobenzene	0.755	0.0880	"	0.879	ND	85.9	10-127		8.73	30	
1,2-Dichlorobenzene	0.602	0.0880	"	0.879	ND	68.5	14-111		11.9	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.498	0.0880	"	0.879	ND	56.6	10-144		8.65	30	
1,3-Dichlorobenzene	0.606	0.0880	"	0.879	ND	69.0	11-111		12.8	30	
1,4-Dichlorobenzene	0.601	0.0880	"	0.879	ND	68.3	10-106		13.9	30	
2,3,4,6-Tetrachlorophenol	0.826	0.176	"	0.879	ND	93.9	30-130		11.4	30	
2,4,5-Trichlorophenol	0.762	0.0880	"	0.879	ND	86.7	10-127		11.0	30	
2,4,6-Trichlorophenol	0.758	0.0880	"	0.879	ND	86.2	10-132		10.1	30	
2,4-Dichlorophenol	0.771	0.0880	"	0.879	ND	87.7	10-128		7.89	30	
2,4-Dimethylphenol	0.632	0.0880	"	0.879	ND	71.9	10-137		6.98	30	
2,4-Dinitrophenol	0.760	0.176	"	0.879	ND	86.5	10-171		26.8	30	
2,4-Dinitrotoluene	0.637	0.0880	"	0.879	ND	72.5	16-135		12.2	30	
2,6-Dinitrotoluene	0.643	0.0880	"	0.879	ND	73.2	18-131		12.1	30	
2-Chloronaphthalene	0.639	0.0880	"	0.879	ND	72.6	10-129		10.1	30	
2-Chlorophenol	0.641	0.0880	"	0.879	ND	72.9	15-116		8.01	30	
2-Methylnaphthalene	0.699	0.0880	"	0.879	ND	79.5	10-147		9.76	30	
2-Methylphenol	0.587	0.0880	"	0.879	ND	66.8	10-136		10.2	30	
2-Nitroaniline	0.689	0.176	"	0.879	ND	78.4	10-137		10.3	30	
2-Nitrophenol	0.612	0.0880	"	0.879	ND	69.6	10-129		12.0	30	
3- & 4-Methylphenols	0.530	0.0880	"	0.879	ND	60.2	10-123		8.52	30	
3,3-Dichlorobenzidine	0.641	0.0880	"	0.879	ND	72.9	10-155		9.31	30	
3-Nitroaniline	0.654	0.176	"	0.879	ND	74.4	12-133		11.7	30	
4,6-Dinitro-2-methylphenol	0.124	0.176	"	0.879	ND	14.2	10-155		7.02	30	
4-Bromophenyl phenyl ether	0.718	0.0880	"	0.879	ND	81.7	14-128		6.35	30	
4-Chloro-3-methylphenol	0.714	0.0880	"	0.879	ND	81.2	10-134		8.40	30	
4-Chloroaniline	0.581	0.0880	"	0.879	ND	66.1	10-145		7.68	30	
4-Chlorophenyl phenyl ether	0.720	0.0880	"	0.879	ND	81.9	14-130		10.7	30	
4-Nitroaniline	0.676	0.176	"	0.879	ND	76.9	10-147		15.3	30	
4-Nitrophenol	0.626	0.176	"	0.879	ND	71.2	10-137		16.7	30	
Acenaphthene	0.593	0.0880	"	0.879	ND	67.4	10-146		16.2	30	
Acenaphthylene	0.600	0.0880	"	0.879	ND	68.2	10-134		11.4	30	
Acetophenone	0.565	0.0880	"	0.879	ND	64.3	10-116		9.48	30	
Aniline	0.378	0.352	"	0.879	ND	43.0	10-123		9.57	30	
Anthracene	0.673	0.0880	"	0.879	ND	76.6	10-142		12.5	30	
Atrazine	0.685	0.0880	"	0.879	ND	77.9	19-115		7.70	30	
Benzaldehyde	0.382	0.0880	"	0.879	ND	43.4	10-125		9.64	30	
Benzo(a)anthracene	0.657	0.0880	"	0.879	ND	74.7	10-158		21.4	30	
Benzo(a)pyrene	0.634	0.0880	"	0.879	ND	72.2	10-180		21.6	30	
Benzo(b)fluoranthene	0.606	0.0880	"	0.879	ND	69.0	10-200		18.1	30	
Benzo(g,h,i)perylene	0.739	0.0880	"	0.879	ND	84.1	10-138		17.5	30	
Benzo(k)fluoranthene	0.608	0.0880	"	0.879	ND	69.2	10-197		18.1	30	
Benzoic acid	0.505	0.0880	"	0.879	ND	57.4	10-166		7.97	30	
Benzyl alcohol	0.533	0.0880	"	0.879	ND	60.6	12-124		8.71	30	
Benzyl butyl phthalate	0.552	0.0880	"	0.879	ND	62.8	10-154		9.70	30	
Bis(2-chloroethoxy)methane	0.577	0.0880	"	0.879	ND	65.6	10-132		8.30	30	
Bis(2-chloroethyl)ether	0.517	0.0880	"	0.879	ND	58.8	10-119		9.83	30	
Bis(2-chloroisopropyl)ether	0.465	0.0880	"	0.879	ND	52.9	10-139		10.1	30	
Bis(2-ethylhexyl)phthalate	0.541	0.0880	"	0.879	ND	61.5	10-167		10.2	30	
Caprolactam	0.842	0.176	"	0.879	ND	95.8	10-132		5.37	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40052 - EPA 3550C											
Matrix Spike Dup (BI40052-M Matrix Spike Dup	*Source sample: 24H2102-01 (PE07_16)							Prepared & Analyzed: 09/03/2024			
Carbazole	0.643	0.0880	mg/kg dry	0.879	ND	73.2	10-167		12.3	30	
Chrysene	0.633	0.0880	"	0.879	ND	72.0	10-156		23.4	30	
Dibenzo(a,h)anthracene	0.895	0.0880	"	0.879	ND	102	10-137		12.6	30	
Dibenzofuran	0.663	0.0880	"	0.879	ND	75.4	10-147		11.4	30	
Diethyl phthalate	0.640	0.0880	"	0.879	ND	72.8	20-120		10.7	30	
Dimethyl phthalate	0.642	0.0880	"	0.879	ND	73.0	18-131		9.69	30	
Di-n-butyl phthalate	0.616	0.0880	"	0.879	ND	70.1	10-137		7.89	30	
Di-n-octyl phthalate	0.538	0.0880	"	0.879	ND	61.2	10-180		10.2	30	
Fluoranthene	0.729	0.0880	"	0.879	ND	83.0	10-160		38.9	30	Non-dir.
Fluorene	0.660	0.0880	"	0.879	ND	75.0	10-157		12.7	30	
Hexachlorobenzene	0.622	0.0880	"	0.879	ND	70.8	10-137		9.78	30	
Hexachlorobutadiene	0.842	0.0880	"	0.879	ND	95.8	10-132		8.40	30	
Hexachlorocyclopentadiene	0.123	0.0880	"	0.879	ND	14.0	10-106		6.09	30	
Hexachloroethane	0.463	0.0880	"	0.879	ND	52.6	10-110		12.0	30	
Indeno(1,2,3-cd)pyrene	0.819	0.0880	"	0.879	ND	93.1	10-144		17.6	30	
Isophorone	0.593	0.0880	"	0.879	ND	67.4	10-132		6.65	30	
Naphthalene	0.652	0.0880	"	0.879	ND	74.2	10-141		9.36	30	
Nitrobenzene	0.622	0.0880	"	0.879	ND	70.7	10-131		7.30	30	
N-Nitrosodimethylamine	0.447	0.0880	"	0.879	ND	50.8	10-126		13.6	30	
N-nitroso-di-n-propylamine	0.513	0.0880	"	0.879	ND	58.3	10-125		9.16	30	
N-Nitrosodiphenylamine	0.712	0.0880	"	0.879	ND	81.0	10-177		8.88	30	
Pentachlorophenol	0.857	0.0880	"	0.879	ND	97.5	10-153		12.9	30	
Phenanthrene	0.667	0.0880	"	0.879	ND	75.8	10-148		24.5	30	
Phenol	0.560	0.0880	"	0.879	ND	63.8	10-126		10.5	30	
Pyrene	0.631	0.0880	"	0.879	0.0577	65.2	10-165		31.3	30	Non-dir.
Pyridine	0.389	0.352	"	0.879	ND	44.2	10-83		16.4	30	
Surrogate: SURR: 2-Fluorophenol	*1.26*		"	*1.76*		*71.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.14*		"	*1.76*		*64.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.684*		"	*0.879*		*77.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.691*		"	*0.879*		*78.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.89*		"	*1.76*		*107*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.732*		"	*0.879*		*83.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
Blank (BI40224-BLK1) Blank									Prepared: 09/05/2024 Analyzed: 09/06/2024		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
Blank (BI40224-BLK1) Blank									Prepared: 09/05/2024 Analyzed: 09/06/2024		
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*12.2*		*"*	*50.0*		*24.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.36*		*"*	*50.0*		*10.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.0*		*"*	*25.0*		*60.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.8*		*"*	*25.0*		*47.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*41.6*		*"*	*50.0*		*83.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*13.9*		*"*	*25.0*		*55.6*	*30.7-106*				
Blank (BI40224-BLK2) Blank									Prepared: 09/05/2024 Analyzed: 09/06/2024		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
LCS (BI40224-BS1) LCS							Prepared: 09/05/2024 Analyzed: 09/06/2024				
1,1-Biphenyl	9.94	5.00	ug/L	25.0		39.8	33-95				
1,2,4,5-Tetrachlorobenzene	10.9	5.00	"	25.0		43.6	26-120				
1,2,4-Trichlorobenzene	10.2	5.00	"	25.0		40.9	20-118				
1,2-Dichlorobenzene	8.44	5.00	"	25.0		33.8	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	10.2	5.00	"	25.0		40.8	16-141				
1,3-Dichlorobenzene	8.22	5.00	"	25.0		32.9	23-117				
1,4-Dichlorobenzene	8.22	5.00	"	25.0		32.9	30-105				
2,3,4,6-Tetrachlorophenol	10.6	5.00	"	25.0		42.2	30-130				
2,4,5-Trichlorophenol	9.61	5.00	"	25.0		38.4	32-114				
2,4,6-Trichlorophenol	11.0	5.00	"	25.0		44.0	35-118				
2,4-Dichlorophenol	10.9	5.00	"	25.0		43.7	25-116				
2,4-Dimethylphenol	9.43	5.00	"	25.0		37.7	15-116				
2,4-Dinitrophenol	10.7	5.00	"	25.0		42.7	10-170				
2,4-Dinitrotoluene	13.5	5.00	"	25.0		54.2	41-128				
2,6-Dinitrotoluene	12.8	5.00	"	25.0		51.0	45-116				
2-Chloronaphthalene	9.60	5.00	"	25.0		38.4	33-112				
2-Chlorophenol	9.48	5.00	"	25.0		37.9	15-120				
2-Methylnaphthalene	10.1	5.00	"	25.0		40.6	24-118				
2-Methylphenol	8.14	5.00	"	25.0		32.6	10-110				
2-Nitroaniline	11.1	5.00	"	25.0		44.5	34-129				
2-Nitrophenol	12.6	5.00	"	25.0		50.2	28-118				
3- & 4-Methylphenols	6.95	5.00	"	25.0		27.8	10-107				
3,3-Dichlorobenzidine	7.93	5.00	"	25.0		31.7	15-187				
3-Nitroaniline	11.8	5.00	"	25.0		47.2	24-134				
4,6-Dinitro-2-methylphenol	19.8	5.00	"	25.0		79.4	10-153				
4-Bromophenyl phenyl ether	13.2	5.00	"	25.0		53.0	34-120				
4-Chloro-3-methylphenol	11.6	5.00	"	25.0		46.5	20-120				
4-Chloroaniline	9.02	5.00	"	25.0		36.1	10-147				
4-Chlorophenyl phenyl ether	11.4	5.00	"	25.0		45.7	27-121				
4-Nitroaniline	11.2	5.00	"	25.0		44.7	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	11.0	5.00	"	25.0		43.9	25-110				
Aniline	11.5	5.00	"	25.0		45.8	10-117				
Benzaldehyde	6.86	5.00	"	25.0		27.4	29-117	Low Bias			
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	6.93	5.00	"	25.0		27.7	10-117				
Benzyl butyl phthalate	8.36	5.00	"	25.0		33.4	29-133				
Bis(2-chloroethoxy)methane	11.3	5.00	"	25.0		45.0	10-154				
Bis(2-chloroethyl)ether	16.5	5.00	"	25.0		66.0	17-125				
Bis(2-chloroisopropyl)ether	9.98	5.00	"	25.0		39.9	10-139				
Caprolactam	2.50	5.00	"	25.0		10.0	10-137				
Carbazole	9.82	5.00	"	25.0		39.3	42-126	Low Bias			
Dibenzofuran	9.98	5.00	"	25.0		39.9	36-113				
Diethyl phthalate	10.3	5.00	"	25.0		41.3	38-115				
Dimethyl phthalate	10.5	5.00	"	25.0		42.0	38-129				
Di-n-butyl phthalate	10.5	5.00	"	25.0		42.2	31-120				
Di-n-octyl phthalate	7.08	5.00	"	25.0		28.3	21-149				
Hexachlorocyclopentadiene	6.84	10.0	"	25.0		27.4	10-130				
Isophorone	10.9	5.00	"	25.0		43.7	25-127				
N-nitroso-di-n-propylamine	9.80	5.00	"	25.0		39.2	26-122				
N-Nitrosodiphenylamine	11.8	5.00	"	25.0		47.4	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
LCS (BI40224-BS1) LCS								Prepared: 09/05/2024 Analyzed: 09/06/2024			
Phenol	3.92	5.00	ug/L	25.0		15.7	10-110				
Pyridine	ND	5.00	"	35.0			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*11.6*		*"*	*50.0*		*23.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.16*		*"*	*50.0*		*12.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.7*		*"*	*25.0*		*50.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.0*		*"*	*25.0*		*43.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*41.0*		*"*	*50.0*		*82.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.4*		*"*	*25.0*		*57.5*	*30.7-106*				
LCS (BI40224-BS2) LCS								Prepared: 09/05/2024 Analyzed: 09/06/2024			
Acenaphthene	0.560	0.0500	ug/L	1.00		56.0	25-116				
Acenaphthylene	0.600	0.0500	"	1.00		60.0	26-116				
Anthracene	0.620	0.0500	"	1.00		62.0	25-123				
Benzo(a)anthracene	0.550	0.0500	"	1.00		55.0	33-125				
Benzo(a)pyrene	0.580	0.0500	"	1.00		58.0	32-132				
Benzo(b)fluoranthene	0.560	0.0500	"	1.00		56.0	22-137				
Benzo(g,h,i)perylene	0.920	0.0500	"	1.00		92.0	10-138				
Benzo(k)fluoranthene	0.580	0.0500	"	1.00		58.0	20-137				
Bis(2-ethylhexyl)phthalate	0.590	0.500	"	1.00		59.0	10-189				
Chrysene	0.550	0.0500	"	1.00		55.0	32-124				
Dibenzo(a,h)anthracene	1.02	0.0500	"	1.00		102	16-133				
Fluoranthene	0.680	0.0500	"	1.00		68.0	32-121				
Fluorene	0.590	0.0500	"	1.00		59.0	28-118				
Hexachlorobenzene	0.100	0.0200	"	1.00		10.0	23-124	Low Bias			
Hexachlorobutadiene	0.650	0.500	"	1.00		65.0	15-123				
Hexachloroethane	0.650	0.500	"	1.00		65.0	18-115				
Indeno(1,2,3-cd)pyrene	0.950	0.0500	"	1.00		95.0	15-135				
Naphthalene	0.570	0.0500	"	1.00		57.0	18-120				
Nitrobenzene	0.420	0.250	"	1.00		42.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.15	0.250	"	1.00		115	10-156				
Phenanthrene	0.610	0.0500	"	1.00		61.0	24-127				
Pyrene	0.460	0.0500	"	1.00		46.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
LCS Dup (BI40224-BSD1) LCS Dup								Prepared: 09/05/2024 Analyzed: 09/06/2024			
1,1-Biphenyl	21.3	5.00	ug/L	25.0		85.0	33-95		72.6	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	22.6	5.00	"	25.0		90.5	26-120		69.9	20	Non-dir.
1,2,4-Trichlorobenzene	21.8	5.00	"	25.0		87.1	20-118		72.2	20	Non-dir.
1,2-Dichlorobenzene	18.3	5.00	"	25.0		73.0	29-111		73.6	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	20.3	5.00	"	25.0		81.2	16-141		66.1	20	Non-dir.
1,3-Dichlorobenzene	17.8	5.00	"	25.0		71.3	23-117		73.8	20	Non-dir.
1,4-Dichlorobenzene	17.8	5.00	"	25.0		71.3	30-105		73.8	20	Non-dir.
2,3,4,6-Tetrachlorophenol	21.5	5.00	"	25.0		86.0	30-130		68.2	20	Non-dir.
2,4,5-Trichlorophenol	20.3	5.00	"	25.0		81.2	32-114		71.5	20	Non-dir.
2,4,6-Trichlorophenol	23.2	5.00	"	25.0		92.8	35-118		71.4	20	Non-dir.
2,4-Dichlorophenol	22.3	5.00	"	25.0		89.2	25-116		68.6	20	Non-dir.
2,4-Dimethylphenol	16.3	5.00	"	25.0		65.4	15-116		53.6	20	Non-dir.
2,4-Dinitrophenol	40.8	5.00	"	25.0		163	10-170		117	20	Non-dir.
2,4-Dinitrotoluene	28.2	5.00	"	25.0		113	41-128		70.2	20	Non-dir.
2,6-Dinitrotoluene	26.6	5.00	"	25.0		106	45-116		70.2	20	Non-dir.
2-Chloronaphthalene	20.1	5.00	"	25.0		80.5	33-112		70.8	20	Non-dir.
2-Chlorophenol	18.1	5.00	"	25.0		72.4	15-120		62.6	20	Non-dir.
2-Methylnaphthalene	21.3	5.00	"	25.0		85.2	24-118		71.0	20	Non-dir.
2-Methylphenol	14.9	5.00	"	25.0		59.6	10-110		58.6	20	Non-dir.
2-Nitroaniline	22.7	5.00	"	25.0		90.8	34-129		68.4	20	Non-dir.
2-Nitrophenol	27.0	5.00	"	25.0		108	28-118		72.9	20	Non-dir.
3- & 4-Methylphenols	12.4	5.00	"	25.0		49.8	10-107		56.7	20	Non-dir.
3,3-Dichlorobenzidine	15.6	5.00	"	25.0		62.4	15-187		65.1	20	Non-dir.
3-Nitroaniline	13.4	5.00	"	25.0		53.4	24-134		12.3	20	
4,6-Dinitro-2-methylphenol	45.8	5.00	"	25.0		183	10-153	High Bias	79.2	20	Non-dir.
4-Bromophenyl phenyl ether	26.0	5.00	"	25.0		104	34-120		65.2	20	Non-dir.
4-Chloro-3-methylphenol	21.6	5.00	"	25.0		86.6	20-120		60.3	20	Non-dir.
4-Chloroaniline	8.86	5.00	"	25.0		35.4	10-147		1.79	20	
4-Chlorophenyl phenyl ether	23.0	5.00	"	25.0		92.0	27-121		67.2	20	Non-dir.
4-Nitroaniline	17.2	5.00	"	25.0		68.9	13-134		42.7	20	Non-dir.
4-Nitrophenol	5.94	5.00	"	25.0		23.8	10-131		38.1	20	Non-dir.
Acetophenone	23.0	5.00	"	25.0		92.2	25-110		70.9	20	Non-dir.
Aniline	17.7	5.00	"	25.0		70.9	10-117		42.9	20	Non-dir.
Benzaldehyde	14.2	5.00	"	25.0		56.9	29-117		69.8	20	Non-dir.
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	10.8	5.00	"	25.0		43.2	10-117		43.6	20	Non-dir.
Benzyl butyl phthalate	16.7	5.00	"	25.0		66.7	29-133		66.5	20	Non-dir.
Bis(2-chloroethoxy)methane	23.2	5.00	"	25.0		92.8	10-154		69.3	20	Non-dir.
Bis(2-chloroethyl)ether	25.5	5.00	"	25.0		102	17-125		42.9	20	Non-dir.
Bis(2-chloroisopropyl)ether	21.2	5.00	"	25.0		84.8	10-139		72.0	20	Non-dir.
Caprolactam	3.68	5.00	"	25.0		14.7	10-137		38.2	20	Non-dir.
Carbazole	19.6	5.00	"	25.0		78.2	42-126		66.3	20	Non-dir.
Dibenzofuran	20.4	5.00	"	25.0		81.6	36-113		68.6	20	Non-dir.
Diethyl phthalate	20.2	5.00	"	25.0		80.7	38-115		64.7	20	Non-dir.
Dimethyl phthalate	21.0	5.00	"	25.0		84.0	38-129		66.6	20	Non-dir.
Di-n-butyl phthalate	20.2	5.00	"	25.0		81.0	31-120		63.0	20	Non-dir.
Di-n-octyl phthalate	17.0	5.00	"	25.0		68.2	21-149		82.6	20	Non-dir.
Hexachlorocyclopentadiene	16.1	10.0	"	25.0		64.2	10-130		80.5	20	Non-dir.
Isophorone	23.2	5.00	"	25.0		93.0	25-127		72.1	20	Non-dir.
N-nitroso-di-n-propylamine	21.1	5.00	"	25.0		84.2	26-122		73.0	20	Non-dir.
N-Nitrosodiphenylamine	23.6	5.00	"	25.0		94.5	23-149		66.5	20	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40224 - EPA 3510C											
LCS Dup (BI40224-BSD1) LCS Dup									Prepared: 09/05/2024 Analyzed: 09/06/2024		
Phenol	6.76	5.00	ug/L	25.0		27.0	10-110		53.2	20	Non-dir.
Pyridine	2.63	5.00	"	35.0		7.51	10-90	Low Bias	10.4	20	
Surrogate: SURR: 2-Fluorophenol	*20.2*		"	*50.0*		*40.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.9*		"	*50.0*		*21.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*26.0*		"	*25.0*		*104*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*21.9*		"	*25.0*		*87.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*78.9*		"	*50.0*		*158*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.5*		"	*25.0*		*94.2*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40042 - EPA 3550C												
Blank (BI40042-BLK1)	Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,4-Dioxane		ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8		*405*		*"*	*495*		*81.8*	*39-127.5*				
LCS (BI40042-BS1)	LCS									Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,4-Dioxane		484	19.8	ug/kg	495		97.8	40-130				
Surrogate: 1,4-Dioxane-d8		*382*		*"*	*495*		*77.2*	*39-127.5*				
Matrix Spike (BI40042-MS1)	Matrix Spike	*Source sample: 24H2102-01 (PE07_16)								Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,4-Dioxane		484	19.8	ug/kg	495	ND	97.8	40-130				
Surrogate: 1,4-Dioxane-d8		*381*		*"*	*495*		*77.0*	*40-130*				
Matrix Spike Dup (BI40042-M	Matrix Spike Dup	*Source sample: 24H2102-01 (PE07_16)								Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,4-Dioxane		479	19.8	ug/kg	495	ND	96.8	40-130		1.03	30	
Surrogate: 1,4-Dioxane-d8		*406*		*"*	*495*		*82.1*	*40-130*				
Batch BI40054 - EPA 3535A												
Blank (BI40054-BLK1)	Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,4-Dioxane		ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8		*2.25*		*"*	*4.00*		*56.2*	*36.6-118*				
LCS (BI40054-BS1)	LCS									Prepared: 09/03/2024 Analyzed: 09/04/2024		
1,4-Dioxane		2.94	0.300	ug/L	4.00		73.6	50-130				
Surrogate: 1,4-Dioxane-d8		*2.26*		*"*	*4.00*		*56.6*	*36.6-118*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
Blank (BI40040-BLK1) Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.48*		"	*2.31*		*107*	*25-150*				
Surrogate: M5PFHxA	*2.48*		"	*2.48*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.44*		"	*2.48*		*98.4*	*25-150*				
Surrogate: M3PFHxS	*2.34*		"	*2.35*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.70*		"	*2.48*		*109*	*25-150*				
Surrogate: M6PFDA	*1.26*		"	*1.24*		*102*	*25-150*				
Surrogate: M7PFUdA	*0.976*		"	*1.24*		*78.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.786*		"	*1.24*		*63.4*	*25-150*				
Surrogate: M2PFTeDA	*0.617*		"	*1.24*		*49.8*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
Blank (BI40040-BLK1) Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.61*		*ug/kg wet*	*9.92*		*86.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.38*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.32*		*"*	*4.96*		*87.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.23*		*"*	*2.48*		*90.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.00*		*"*	*4.96*		*80.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.57*		*"*	*4.96*		*92.2*	*25-150*				
Surrogate: M2-6:2 FTS	*8.68*		*"*	*4.72*		*184*	*25-200*				
Surrogate: M2-8:2 FTS	*4.60*		*"*	*4.76*		*96.6*	*25-200*				
Surrogate: M9PFNA	*1.31*		*"*	*1.24*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*12.0*		*"*	*4.65*		*257*	*25-150*				
Surrogate: d-N-MeFOSA	*1.77*		*"*	*2.48*		*71.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.25*		*"*	*2.48*		*50.3*	*25-150*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.92*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*6.04*		*"*	*24.8*		*24.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.94*		*"*	*24.8*		*23.9*	*25-150*				
LCS (BI40040-BS1) LCS									Prepared: 09/03/2024 Analyzed: 09/04/2024		
Perfluorobutanesulfonic acid (PFBS)	3.70	0.174	ug/kg wet	3.48		106	50-150				
Perfluorohexanoic acid (PFHxA)	3.84	0.196	"	3.93		97.7	50-150				
Perfluoroheptanoic acid (PFHpA)	4.07	0.196	"	3.93		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.23	0.180	"	3.60		89.9	50-150				
Perfluorooctanoic acid (PFOA)	4.50	0.196	"	3.93		114	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.76	0.183	"	3.65		103	50-150				
Perfluorononanoic acid (PFNA)	4.03	0.196	"	3.93		103	50-150				
Perfluorodecanoic acid (PFDA)	3.11	0.196	"	3.93		79.1	50-150				
Perfluoroundecanoic acid (PFUnA)	3.72	0.196	"	3.93		94.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.98	0.196	"	3.93		101	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.83	0.196	"	3.93		97.4	50-150				
Perfluorotetradecanoic acid (PFTA)	3.69	0.196	"	3.93		94.0	50-150				
N-MeFOSAA	4.36	0.196	"	3.93		111	50-150				
N-EtFOSAA	4.18	0.196	"	3.93		106	50-150				
Perfluoropentanoic acid (PFPeA)	8.14	0.393	"	7.86		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.10	0.196	"	3.93		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.43	0.196	"	3.75		118	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.55	0.190	"	3.79		67.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.6	0.747	"	14.9		97.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.6	0.754	"	15.1		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	16.6	0.786	"	15.7		106	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.05	0.350	"	6.99		129	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.06	0.393	"	7.86		103	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.20	0.393	"	7.86		91.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.96	0.393	"	7.86		114	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.50	0.185	"	3.69		94.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.6	0.737	"	14.7		92.1	50-150				
HFPO-DA (Gen-X)	7.92	0.786	"	7.86		101	50-150				
11CL-PF3OUdS	5.15	0.743	"	7.43		69.4	50-150				
9CL-PF3ONS	7.26	0.735	"	7.35		98.8	50-150				
ADONA	7.64	0.743	"	7.43		103	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
LCS (BI40040-BS1) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.14	0.191	ug/kg wet	3.81		56.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.54	0.189	"	3.77		93.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	19.7	0.982	"	15.7		125	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	92.8	4.91	"	78.6		118	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	89.8	4.91	"	78.6		114	50-150				
N-MeFOSE	44.7	1.96	"	39.3		114	50-150				
N-MeFOSA	3.90	0.196	"	3.93		99.2	50-150				
N-EtFOSE	37.3	1.96	"	39.3		95.0	50-150				
N-EtFOSA	4.14	0.196	"	3.93		105	50-150				
Surrogate: M3PFBS	*2.24*		*"*	*2.29*		*97.9*	*25-150*				
Surrogate: M5PFHxA	*2.36*		*"*	*2.46*		*96.3*	*25-150*				
Surrogate: M4PFHpA	*2.62*		*"*	*2.46*		*107*	*25-150*				
Surrogate: M3PFHxS	*2.37*		*"*	*2.33*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.42*		*"*	*2.46*		*98.6*	*25-150*				
Surrogate: M6PFDA	*1.37*		*"*	*1.23*		*111*	*25-150*				
Surrogate: M7PFUdA	*1.07*		*"*	*1.23*		*87.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.778*		*"*	*1.23*		*63.4*	*25-150*				
Surrogate: M2PFTeDA	*0.766*		*"*	*1.23*		*62.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.40*		*"*	*9.82*		*65.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.35*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.34*		*"*	*4.91*		*88.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.24*		*"*	*2.46*		*91.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.31*		*"*	*4.91*		*87.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.52*		*"*	*4.91*		*92.0*	*25-150*				
Surrogate: M2-6:2 FTS	*8.29*		*"*	*4.67*		*177*	*25-200*				
Surrogate: M2-8:2 FTS	*4.93*		*"*	*4.72*		*105*	*25-200*				
Surrogate: M9PFNA	*1.10*		*"*	*1.23*		*89.9*	*25-150*				
Surrogate: M2-4:2 FTS	*11.8*		*"*	*4.61*		*257*	*25-150*				
Surrogate: d-N-MeFOSA	*1.83*		*"*	*2.46*		*74.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		*"*	*2.46*		*65.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.9*		*"*	*9.82*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.74*		*"*	*24.6*		*31.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*6.46*		*"*	*24.6*		*26.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
LCS (BI40040-BS2) LCS								Prepared: 09/03/2024 Analyzed: 09/04/2024			
Perfluorobutanesulfonic acid (PFBS)	0.678	0.176	ug/kg wet	0.702		96.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.738	0.198	"	0.794		93.0	50-150				
Perfluoroheptanoic acid (PFHpA)	0.859	0.198	"	0.794		108	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.578	0.182	"	0.726		79.5	50-150				
Perfluorooctanoic acid (PFOA)	0.731	0.198	"	0.794		92.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.704	0.185	"	0.738		95.4	50-150				
Perfluorononanoic acid (PFNA)	0.687	0.198	"	0.794		86.6	50-150				
Perfluorodecanoic acid (PFDA)	0.674	0.198	"	0.794		84.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.769	0.198	"	0.794		96.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.790	0.198	"	0.794		99.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.815	0.198	"	0.794		103	50-150				
Perfluorotetradecanoic acid (PFTA)	0.739	0.198	"	0.794		93.1	50-150				
N-MeFOSAA	0.952	0.198	"	0.794		120	50-150				
N-EtFOSAA	0.827	0.198	"	0.794		104	50-150				
Perfluoropentanoic acid (PFPeA)	1.52	0.397	"	1.59		95.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.754	0.198	"	0.794		95.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.834	0.198	"	0.758		110	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.557	0.191	"	0.766		72.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.66	0.754	"	3.02		88.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.89	0.762	"	3.05		94.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.05	0.794	"	3.17		96.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.67	0.353	"	1.41		118	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.40	0.397	"	1.59		88.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.877	0.397	"	1.59		55.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.63	0.397	"	1.59		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.647	0.187	"	0.746		86.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.70	0.744	"	2.98		90.9	50-150				
HFPO-DA (Gen-X)	2.11	0.794	"	1.59		133	50-150				
11CL-PF3OUdS	1.06	0.750	"	1.50		70.8	50-150				
9CL-PF3ONS	1.54	0.742	"	1.48		104	50-150				
ADONA	1.46	0.750	"	1.50		97.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.440	0.192	"	0.770		57.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.748	0.190	"	0.762		98.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.59	0.992	"	3.17		113	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	17.3	4.96	"	15.9		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	18.0	4.96	"	15.9		113	50-150				
N-MeFOSE	8.44	1.98	"	7.94		106	50-150				
N-MeFOSA	0.839	0.198	"	0.794		106	50-150				
N-EtFOSE	7.85	1.98	"	7.94		98.9	50-150				
N-EtFOSA	0.815	0.198	"	0.794		103	50-150				
Surrogate: M3PFBS	*2.41*		"	*2.31*		*104*	*25-150*				
Surrogate: M5PFHxA	*2.61*		"	*2.48*		*105*	*25-150*				
Surrogate: M4PFHpA	*2.60*		"	*2.48*		*105*	*25-150*				
Surrogate: M3PFHxS	*2.40*		"	*2.35*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.95*		"	*2.48*		*119*	*25-150*				
Surrogate: M6PFDA	*1.50*		"	*1.24*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.07*		"	*1.24*		*86.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.898*		"	*1.24*		*72.4*	*25-150*				
Surrogate: M2PFTeDA	*0.794*		"	*1.24*		*64.0*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
LCS (BI40040-BS2) LCS									Prepared: 09/03/2024 Analyzed: 09/04/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.80*		*ug/kg wet*	*9.92*		*18.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.40*		*"*	*2.38*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.79*		*"*	*4.96*		*96.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.49*		*"*	*2.48*		*100*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.93*		*"*	*4.96*		*99.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.13*		*"*	*4.96*		*103*	*25-150*				
Surrogate: M2-6:2 FTS	*7.99*		*"*	*4.72*		*169*	*25-200*				
Surrogate: M2-8:2 FTS	*5.11*		*"*	*4.76*		*107*	*25-200*				
Surrogate: M9PFNA	*1.38*		*"*	*1.24*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*10.2*		*"*	*4.65*		*219*	*25-150*				
Surrogate: d-N-MeFOSA	*2.03*		*"*	*2.48*		*81.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.70*		*"*	*2.48*		*68.4*	*25-150*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.92*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.15*		*"*	*24.8*		*32.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.73*		*"*	*24.8*		*31.2*	*25-150*				
Matrix Spike (BI40040-MS1) Matrix Spike *Source sample: 24H2102-01 (PE07_16)									Prepared: 09/03/2024 Analyzed: 09/05/2024		
Perfluorobutanesulfonic acid (PFBS)	3.88	0.186	ug/kg dry	3.72	ND	104	25-150				
Perfluorohexanoic acid (PFHxA)	4.09	0.210	"	4.20	ND	97.3	25-150				
Perfluoroheptanoic acid (PFHpA)	4.43	0.210	"	4.20	ND	105	25-150				
Perfluorohexanesulfonic acid (PFHxS)	3.75	0.192	"	3.84	ND	97.7	25-150				
Perfluorooctanoic acid (PFOA)	4.48	0.210	"	4.20	ND	107	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.45	0.195	"	3.91	ND	114	25-150				
Perfluorononanoic acid (PFNA)	4.31	0.210	"	4.20	ND	103	25-150				
Perfluorodecanoic acid (PFDA)	3.78	0.210	"	4.20	ND	90.1	25-150				
Perfluoroundecanoic acid (PFUnA)	4.21	0.210	"	4.20	ND	100	25-150				
Perfluorododecanoic acid (PFDoA)	4.57	0.210	"	4.20	ND	109	25-150				
Perfluorotridecanoic acid (PFTrDA)	5.30	0.210	"	4.20	ND	126	25-150				
Perfluorotetradecanoic acid (PFTA)	4.25	0.210	"	4.20	ND	101	25-150				
N-MeFOSAA	4.88	0.210	"	4.20	ND	116	25-150				
N-EtFOSAA	4.62	0.210	"	4.20	ND	110	25-150				
Perfluoropentanoic acid (PFPeA)	8.95	0.420	"	8.40	ND	107	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.23	0.210	"	4.20	ND	101	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.76	0.210	"	4.01	ND	119	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.13	0.203	"	4.05	ND	77.2	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.7	0.798	"	16.0	ND	105	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.5	0.806	"	16.1	ND	96.0	25-150				
Perfluoro-n-butanoic acid (PFBA)	17.8	0.840	"	16.8	ND	106	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.25	0.374	"	7.48	ND	124	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.94	0.420	"	8.40	ND	94.5	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.81	0.420	"	8.40	ND	92.9	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.49	0.420	"	8.40	ND	113	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.72	0.197	"	3.95	ND	94.2	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.5	0.787	"	15.7	ND	92.3	25-150				
HFPO-DA (Gen-X)	9.59	0.840	"	8.40	ND	114	25-150				
11CL-PF3OUdS	6.60	0.794	"	7.94	ND	83.1	25-150				
9CL-PF3ONS	9.04	0.785	"	7.85	ND	115	25-150				
ADONA	8.71	0.794	"	7.94	ND	110	25-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
Matrix Spike (BI40040-MS1) Matrix Spike	*Source sample: 24H2102-01 (PE07_16)							Prepared: 09/03/2024 Analyzed: 09/05/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.05	0.204	ug/kg dry	4.07	ND	50.3	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.37	0.202	"	4.03	ND	108	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	21.1	1.05	"	16.8	ND	126	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	95.7	5.25	"	84.0	ND	114	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	98.9	5.25	"	84.0	ND	118	25-150				
N-MeFOSE	47.7	2.10	"	42.0	ND	114	25-150				
N-MeFOSA	4.20	0.210	"	4.20	ND	100	25-150				
N-EtFOSE	41.4	2.10	"	42.0	ND	98.5	25-150				
N-EtFOSA	5.12	0.210	"	4.20	ND	122	25-150				
Surrogate: M3PFBS	*2.47*		*"*	*2.45*		*101*	*25-150*				
Surrogate: M5PFHxA	*2.97*		*"*	*2.62*		*113*	*25-150*				
Surrogate: M4PFHpA	*3.14*		*"*	*2.62*		*119*	*25-150*				
Surrogate: M3PFHxS	*2.50*		*"*	*2.49*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.02*		*"*	*2.62*		*115*	*25-150*				
Surrogate: M6PFDA	*1.67*		*"*	*1.31*		*127*	*25-150*				
Surrogate: M7PFUdA	*1.28*		*"*	*1.31*		*97.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.953*		*"*	*1.31*		*72.6*	*25-150*				
Surrogate: M2PFTeDA	*0.671*		*"*	*1.31*		*51.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.13*		*"*	*10.5*		*77.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.73*		*"*	*2.51*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.19*		*"*	*5.25*		*98.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.94*		*"*	*2.62*		*112*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.42*		*"*	*5.25*		*103*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.72*		*"*	*5.25*		*109*	*25-150*				
Surrogate: M2-6:2 FTS	*9.24*		*"*	*4.99*		*185*	*25-200*				
Surrogate: M2-8:2 FTS	*6.39*		*"*	*5.04*		*127*	*25-200*				
Surrogate: M9PFNA	*1.33*		*"*	*1.31*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*13.2*		*"*	*4.92*		*268*	*25-150*				
Surrogate: d-N-MeFOSA	*2.35*		*"*	*2.62*		*89.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.82*		*"*	*2.62*		*69.3*	*25-150*				
Surrogate: M3HFPO-DA	*12.9*		*"*	*10.5*		*123*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.89*		*"*	*26.2*		*30.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.15*		*"*	*26.2*		*27.3*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
Matrix Spike Dup (BI40040-M Matrix Spike Dup	*Source sample: 24H2102-01 (PE07_16)								Prepared: 09/03/2024 Analyzed: 09/05/2024		
Perfluorobutanesulfonic acid (PFBS)	3.71	0.184	ug/kg dry	3.69	ND	100	25-150		4.55	35	
Perfluorohexanoic acid (PFHxA)	4.14	0.208	"	4.17	ND	99.4	25-150		1.32	35	
Perfluoroheptanoic acid (PFHpA)	4.15	0.208	"	4.17	ND	99.6	25-150		6.41	35	
Perfluorohexanesulfonic acid (PFHxS)	3.23	0.191	"	3.81	ND	84.8	25-150		15.0	35	
Perfluorooctanoic acid (PFOA)	4.36	0.208	"	4.17	ND	105	25-150		2.62	35	
Perfluorooctanesulfonic acid (PFOS)	3.97	0.194	"	3.88	ND	102	25-150		11.5	35	
Perfluorononanoic acid (PFNA)	3.79	0.208	"	4.17	ND	90.9	25-150		12.9	35	
Perfluorodecanoic acid (PFDA)	3.91	0.208	"	4.17	ND	93.8	25-150		3.26	35	
Perfluoroundecanoic acid (PFUnA)	3.92	0.208	"	4.17	ND	94.1	25-150		7.21	35	
Perfluorododecanoic acid (PFDoA)	4.80	0.208	"	4.17	ND	115	25-150		4.81	35	
Perfluorotridecanoic acid (PFTrDA)	4.85	0.208	"	4.17	ND	116	25-150		8.92	35	
Perfluorotetradecanoic acid (PFTA)	4.37	0.208	"	4.17	ND	105	25-150		2.78	35	
N-MeFOSAA	4.42	0.208	"	4.17	ND	106	25-150		9.93	35	
N-EtFOSAA	4.33	0.208	"	4.17	ND	104	25-150		6.50	35	
Perfluoropentanoic acid (PFPeA)	8.40	0.417	"	8.33	ND	101	25-150		6.43	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.19	0.208	"	4.17	ND	101	25-150		0.906	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.41	0.208	"	3.98	ND	111	25-150		7.72	35	
Perfluoro-1-decanesulfonic acid (PFDS)	2.98	0.201	"	4.02	ND	74.0	25-150		4.99	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.9	0.792	"	15.8	ND	107	25-150		0.962	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.5	0.800	"	16.0	ND	97.2	25-150		0.444	35	
Perfluoro-n-butanoic acid (PFBA)	15.9	0.833	"	16.7	ND	95.6	25-150		10.9	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.01	0.371	"	7.42	ND	121	25-150		2.67	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.07	0.417	"	8.33	ND	109	25-150		13.3	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	2.61	0.417	"	8.33	ND	31.4	25-150		99.7	30	Non-dir.
Perfluoro-5-oxahexanoic acid (PFMBA)	9.41	0.417	"	8.33	ND	113	25-150		0.848	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.63	0.196	"	3.92	ND	92.6	25-150		2.53	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.0	0.781	"	15.6	ND	89.7	25-150		3.58	30	
HFPO-DA (Gen-X)	9.81	0.833	"	8.33	ND	118	25-150		2.26	30	
11CL-PF3OUdS	6.35	0.788	"	7.88	ND	80.6	25-150		3.82	30	
9CL-PF3ONS	8.20	0.779	"	7.79	ND	105	25-150		9.77	30	
ADONA	7.94	0.788	"	7.88	ND	101	25-150		9.30	30	
Perfluorododecanesulfonic acid (PFDoS)	2.23	0.202	"	4.04	ND	55.1	25-150		8.37	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	4.02	0.200	"	4.00	ND	100	25-150		8.26	30	
3-Perfluoropropyl propanoic acid (FPrPA)	16.5	1.04	"	16.7	ND	99.1	25-150		24.3	30	
3-Perfluoropentyl propanoic acid (FPePA)	92.5	5.21	"	83.3	ND	111	25-150		3.50	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	97.3	5.21	"	83.3	ND	117	25-150		1.63	30	
N-MeFOSE	41.6	2.08	"	41.7	ND	100	25-150		13.6	30	
N-MeFOSA	3.79	0.208	"	4.17	ND	90.8	25-150		10.4	30	
N-EtFOSE	38.2	2.08	"	41.7	ND	91.8	25-150		7.90	30	
N-EtFOSA	4.72	0.208	"	4.17	ND	113	25-150		8.05	30	
Surrogate: M3PFBS	*2.44*		"	*2.43*		*101*	*25-150*				
Surrogate: M5PFHxA	*2.33*		"	*2.60*		*89.6*	*25-150*				
Surrogate: M4PFHpA	*2.65*		"	*2.60*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.52*		"	*2.47*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.64*		"	*2.60*		*101*	*25-150*				
Surrogate: M6PFDA	*1.34*		"	*1.30*		*103*	*25-150*				
Surrogate: M7PFUdA	*0.996*		"	*1.30*		*76.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.776*		"	*1.30*		*59.6*	*25-150*				
Surrogate: M2PFTeDA	*0.624*		"	*1.30*		*47.9*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40040 - EPA 1633 Prep											
Matrix Spike Dup (BI40040-M Matrix Spike Dup	*Source sample: 24H2102-01 (PE07_16)									Prepared: 09/03/2024 Analyzed: 09/05/2024	
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.885*		*ug/kg dry*	*10.4*		*8.50*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.38*		*"*	*2.49*		*95.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.08*		*"*	*5.21*		*78.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.38*		*"*	*2.60*		*91.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.72*		*"*	*5.21*		*90.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.03*		*"*	*5.21*		*96.5*	*25-150*				
Surrogate: M2-6:2 FTS	*8.75*		*"*	*4.95*		*177*	*25-200*				
Surrogate: M2-8:2 FTS	*6.36*		*"*	*5.00*		*127*	*25-200*				
Surrogate: M9PFNA	*1.30*		*"*	*1.30*		*99.8*	*25-150*				
Surrogate: M2-4:2 FTS	*12.9*		*"*	*4.89*		*264*	*25-150*				
Surrogate: d-N-MeFOSA	*2.32*		*"*	*2.60*		*89.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.59*		*"*	*2.60*		*61.2*	*25-150*				
Surrogate: M3HFPO-DA	*10.8*		*"*	*10.4*		*104*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.92*		*"*	*26.0*		*30.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.60*		*"*	*26.0*		*29.2*	*25-150*				
Batch BI40550 - EPA 1633 Prep											
Blank (BI40550-BLK1) Blank										Prepared: 09/11/2024 Analyzed: 09/12/2024	
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40550 - EPA 1633 Prep											
Blank (BI40550-BLK1) Blank									Prepared: 09/11/2024 Analyzed: 09/12/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*35.0*		"	*23.3*		*150*	*25-150*				
Surrogate: M5PFHxA	*36.4*		"	*25.0*		*145*	*25-150*				
Surrogate: M4PFHpA	*33.2*		"	*25.0*		*133*	*25-150*				
Surrogate: M3PFHxS	*34.0*		"	*23.7*		*143*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*38.8*		"	*25.0*		*155*	*25-150*				
Surrogate: M6PFDA	*18.6*		"	*12.5*		*149*	*25-150*				
Surrogate: M7PFUdA	*14.9*		"	*12.5*		*119*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.5*		"	*12.5*		*108*	*25-150*				
Surrogate: M2PFTeDA	*10.6*		"	*12.5*		*85.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*15.5*		"	*100*		*15.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*35.9*		"	*24.0*		*150*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*52.9*		"	*50.0*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.4*		"	*25.0*		*129*	*10-150*				
Surrogate: d3-N-MeFOSAA	*68.8*		"	*50.0*		*138*	*25-150*				
Surrogate: d5-N-EtFOSAA	*68.1*		"	*50.0*		*136*	*25-150*				
Surrogate: M2-6:2 FTS	*68.9*		"	*47.6*		*145*	*25-200*				
Surrogate: M2-8:2 FTS	*70.6*		"	*48.0*		*147*	*25-200*				
Surrogate: M9PFNA	*17.0*		"	*12.5*		*136*	*25-150*				
Surrogate: M2-4:2 FTS	*68.6*		"	*46.9*		*146*	*25-150*				
Surrogate: d-N-MeFOSA	*28.4*		"	*25.0*		*113*	*25-150*				
Surrogate: d-N-EtFOSA	*21.3*		"	*25.0*		*85.3*	*25-150*				
Surrogate: M3HFPO-DA	*134*		"	*100*		*134*	*25-150*				
Surrogate: d9-N-EtFOSE	*223*		"	*250*		*89.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*222*		"	*250*		*88.9*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40550 - EPA 1633 Prep											
LCS (BI40550-BS1) LCS								Prepared: 09/11/2024 Analyzed: 09/12/2024			
Perfluorobutanesulfonic acid (PFBS)	39.2	1.77	ng/L	35.4		111	50-150				
Perfluorohexanoic acid (PFHxA)	40.1	2.00	"	40.0		100	50-150				
Perfluoroheptanoic acid (PFHpA)	43.8	2.00	"	40.0		110	50-150				
Perfluorohexanesulfonic acid (PFHxS)	36.2	1.83	"	36.6		99.0	50-150				
Perfluorooctanoic acid (PFOA)	41.2	2.00	"	40.0		103	50-150				
Perfluorooctanesulfonic acid (PFOS)	37.7	1.86	"	37.2		101	50-150				
Perfluorononanoic acid (PFNA)	39.9	2.00	"	40.0		99.8	50-150				
Perfluorodecanoic acid (PFDA)	40.3	2.00	"	40.0		101	50-150				
Perfluoroundecanoic acid (PFUnA)	38.6	2.00	"	40.0		96.6	50-150				
Perfluorododecanoic acid (PFDoA)	38.9	2.00	"	40.0		97.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	51.6	2.00	"	40.0		129	50-150				
Perfluorotetradecanoic acid (PFTA)	41.0	2.00	"	40.0		102	50-150				
N-MeFOSAA	45.1	2.00	"	40.0		113	50-150				
N-EtFOSAA	45.1	2.00	"	40.0		113	50-150				
Perfluoropentanoic acid (PFPeA)	86.4	4.00	"	80.0		108	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	40.7	2.00	"	40.0		102	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	40.0	1.91	"	38.2		105	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	36.0	1.93	"	38.6		93.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	149	7.60	"	152		98.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	177	7.68	"	154		115	50-150				
Perfluoro-n-butanoic acid (PFBA)	175	8.00	"	160		110	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	71.5	3.56	"	71.2		100	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	72.9	4.00	"	80.0		91.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	27.6	4.00	"	80.0		34.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	102	4.00	"	80.0		127	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	37.1	1.88	"	37.6		98.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	145	7.50	"	150		96.7	50-150				
HFPO-DA (Gen-X)	101	8.00	"	80.0		127	50-150				
11CL-PF3OUdS	84.5	7.56	"	75.6		112	50-150				
9CL-PF3ONS	100	7.48	"	74.8		134	50-150				
ADONA	95.5	7.56	"	75.6		126	50-150				
Perfluorododecanesulfonic acid (PFDoS)	27.9	1.94	"	38.8		72.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	43.5	1.92	"	38.4		113	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	151	5.00	"	160		94.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	791	25.0	"	800		98.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	817	25.0	"	800		102	50-150				
N-MeFOSE	467	20.0	"	400		117	50-150				
N-MeFOSA	43.5	2.00	"	40.0		109	50-150				
N-EtFOSE	398	20.0	"	400		99.5	50-150				
N-EtFOSA	38.4	2.00	"	40.0		96.0	50-150				
Surrogate: M3PFBS	*30.8*		"	*23.3*		*132*	*25-150*				
Surrogate: M5PFHxA	*28.5*		"	*25.0*		*114*	*25-150*				
Surrogate: M4PFHpA	*27.4*		"	*25.0*		*109*	*25-150*				
Surrogate: M3PFHxS	*30.9*		"	*23.7*		*130*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.6*		"	*25.0*		*122*	*25-150*				
Surrogate: M6PFDA	*14.7*		"	*12.5*		*118*	*25-150*				
Surrogate: M7PFUdA	*12.7*		"	*12.5*		*102*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.4*		"	*12.5*		*98.9*	*25-150*				
Surrogate: M2PFTeDA	*8.93*		"	*12.5*		*71.4*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40550 - EPA 1633 Prep											
LCS (BI40550-BS1) LCS								Prepared: 09/11/2024 Analyzed: 09/12/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.59*		*ng/L*	*100*		*8.59*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.1*		*"*	*23.9*		*126*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*44.6*		*"*	*50.0*		*89.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.4*		*"*	*25.0*		*121*	*10-150*				
Surrogate: d3-N-MeFOSAA	*65.4*		*"*	*50.0*		*131*	*25-150*				
Surrogate: d5-N-EtFOSAA	*68.9*		*"*	*50.0*		*138*	*25-150*				
Surrogate: M2-6:2 FTS	*77.1*		*"*	*47.5*		*162*	*25-200*				
Surrogate: M2-8:2 FTS	*63.4*		*"*	*48.0*		*132*	*25-200*				
Surrogate: M9PFNA	*14.0*		*"*	*12.5*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*76.7*		*"*	*46.9*		*163*	*25-150*				
Surrogate: d-N-MeFOSA	*26.3*		*"*	*25.0*		*105*	*25-150*				
Surrogate: d-N-EtFOSA	*25.2*		*"*	*25.0*		*101*	*25-150*				
Surrogate: M3HFPO-DA	*100*		*"*	*100*		*100*	*25-150*				
Surrogate: d9-N-EtFOSE	*254*		*"*	*250*		*102*	*25-150*				
Surrogate: d7-N-MeFOSE	*241*		*"*	*250*		*96.6*	*25-150*				
LCS (BI40550-BS2) LCS								Prepared: 09/11/2024 Analyzed: 09/12/2024			
Perfluorobutanesulfonic acid (PFBS)	8.01	1.77	ng/L	7.08		113	50-150				
Perfluorohexanoic acid (PFHxA)	7.56	2.00	"	8.00		94.5	50-150				
Perfluoroheptanoic acid (PFHpA)	8.56	2.00	"	8.00		107	50-150				
Perfluorohexanesulfonic acid (PFHxS)	6.77	1.83	"	7.32		92.5	50-150				
Perfluorooctanoic acid (PFOA)	7.66	2.00	"	8.00		95.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	8.99	1.86	"	7.44		121	50-150				
Perfluorononanoic acid (PFNA)	7.41	2.00	"	8.00		92.7	50-150				
Perfluorodecanoic acid (PFDA)	8.13	2.00	"	8.00		102	50-150				
Perfluoroundecanoic acid (PFUnA)	7.81	2.00	"	8.00		97.6	50-150				
Perfluorododecanoic acid (PFDoA)	6.61	2.00	"	8.00		82.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	8.82	2.00	"	8.00		110	50-150				
Perfluorotetradecanoic acid (PFTA)	8.29	2.00	"	8.00		104	50-150				
N-MeFOSAA	9.28	2.00	"	8.00		116	50-150				
N-EtFOSAA	8.70	2.00	"	8.00		109	50-150				
Perfluoropentanoic acid (PFPeA)	16.4	4.00	"	16.0		103	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	8.57	2.00	"	8.00		107	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.82	1.91	"	7.64		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	10.6	1.93	"	7.72		137	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	34.0	7.60	"	30.4		112	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	34.0	7.68	"	30.7		111	50-150				
Perfluoro-n-butanoic acid (PFBA)	35.7	8.00	"	32.0		112	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	14.1	3.56	"	14.2		99.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	13.7	4.00	"	16.0		85.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.45	4.00	"	16.0		52.8	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	18.6	4.00	"	16.0		116	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	6.82	1.88	"	7.52		90.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	31.9	7.50	"	30.0		106	50-150				
HFPO-DA (Gen-X)	20.8	8.00	"	16.0		130	50-150				
11CL-PF3OUdS	15.1	7.56	"	15.1		100	50-150				
9CL-PF3ONS	17.4	7.48	"	15.0		116	50-150				
ADONA	17.9	7.56	"	15.1		118	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40550 - EPA 1633 Prep											
LCS (BI40550-BS2) LCS							Prepared: 09/11/2024 Analyzed: 09/12/2024				
Perfluorododecanesulfonic acid (PFDoS)	5.99	1.94	ng/L	7.76		77.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	9.78	1.92	"	7.68		127	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	30.9	5.00	"	32.0		96.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	147	25.0	"	160		92.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	151	25.0	"	160		94.4	50-150				
N-MeFOSE	89.8	20.0	"	80.0		112	50-150				
N-MeFOSA	5.90	2.00	"	8.00		73.7	50-150				
N-EtFOSE	77.9	20.0	"	80.0		97.4	50-150				
N-EtFOSA	7.03	2.00	"	8.00		87.8	50-150				
Surrogate: M3PFBS	*26.1*		*"*	*23.3*		*112*	*25-150*				
Surrogate: M5PFHxA	*29.3*		*"*	*25.0*		*117*	*25-150*				
Surrogate: M4PFHpA	*28.3*		*"*	*25.0*		*113*	*25-150*				
Surrogate: M3PFHxS	*24.5*		*"*	*23.7*		*103*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.3*		*"*	*25.0*		*121*	*25-150*				
Surrogate: M6PFDA	*14.4*		*"*	*12.5*		*115*	*25-150*				
Surrogate: M7PFUdA	*12.8*		*"*	*12.5*		*102*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.8*		*"*	*12.5*		*102*	*25-150*				
Surrogate: M2PFTeDA	*10.3*		*"*	*12.5*		*82.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*21.0*		*"*	*100*		*21.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*24.6*		*"*	*24.0*		*103*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*50.9*		*"*	*50.0*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.1*		*"*	*25.0*		*104*	*10-150*				
Surrogate: d3-N-MeFOSAA	*55.6*		*"*	*50.0*		*111*	*25-150*				
Surrogate: d5-N-EtFOSAA	*63.4*		*"*	*50.0*		*127*	*25-150*				
Surrogate: M2-6:2 FTS	*46.8*		*"*	*47.6*		*98.4*	*25-200*				
Surrogate: M2-8:2 FTS	*48.9*		*"*	*48.0*		*102*	*25-200*				
Surrogate: M9PFNA	*13.8*		*"*	*12.5*		*111*	*25-150*				
Surrogate: M2-4:2 FTS	*52.8*		*"*	*46.9*		*113*	*25-150*				
Surrogate: d-N-MeFOSA	*25.5*		*"*	*25.0*		*102*	*25-150*				
Surrogate: d-N-EtFOSA	*24.1*		*"*	*25.0*		*96.5*	*25-150*				
Surrogate: M3HFPO-DA	*108*		*"*	*100*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*215*		*"*	*250*		*85.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*232*		*"*	*250*		*93.0*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40006 - EPA 3550C											
Blank (BI40006-BLK1) Blank									Prepared: 09/01/2024 Analyzed: 09/03/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0420*		*"*	*0.0664*		*63.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0675*		*"*	*0.0664*		*102*	*30-150*				
LCS (BI40006-BS1) LCS									Prepared: 09/01/2024 Analyzed: 09/03/2024		
4,4'-DDD	0.0306	0.00164	mg/kg wet	0.0332		92.2	40-140				
4,4'-DDE	0.0298	0.00164	"	0.0332		89.8	40-140				
4,4'-DDT	0.0279	0.00164	"	0.0332		83.9	40-140				
Aldrin	0.0289	0.00164	"	0.0332		86.9	40-140				
alpha-BHC	0.0326	0.00164	"	0.0332		98.0	40-140				
alpha-Chlordane	0.0295	0.00164	"	0.0332		88.9	40-140				
beta-BHC	0.0319	0.00164	"	0.0332		95.9	40-140				
delta-BHC	0.0282	0.00164	"	0.0332		85.0	40-140				
Dieldrin	0.0307	0.00164	"	0.0332		92.5	40-140				
Endosulfan I	0.0311	0.00164	"	0.0332		93.6	40-140				
Endosulfan II	0.0315	0.00164	"	0.0332		94.7	40-140				
Endosulfan sulfate	0.0228	0.00164	"	0.0332		68.7	40-140				
Endrin	0.0349	0.00164	"	0.0332		105	40-140				
Endrin aldehyde	0.0302	0.00164	"	0.0332		91.0	40-140				
Endrin ketone	0.0259	0.00164	"	0.0332		77.9	40-140				
gamma-BHC (Lindane)	0.0288	0.00164	"	0.0332		86.6	40-140				
gamma-Chlordane	0.0298	0.00164	"	0.0332		89.8	40-140				
Heptachlor	0.0304	0.00164	"	0.0332		91.6	40-140				
Heptachlor epoxide	0.0316	0.00164	"	0.0332		95.0	40-140				
Methoxychlor	0.0249	0.00164	"	0.0332		74.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0452*		*"*	*0.0664*		*68.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0626*		*"*	*0.0664*		*94.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40006 - EPA 3550C											
Matrix Spike (BI40006-MS1) Matrix Spike	*Source sample: 24H2102-01 (PE07_16)								Prepared: 09/01/2024 Analyzed: 09/03/2024		
4,4'-DDD	0.0336	0.00173	mg/kg dry	0.0349	ND	96.2	30-150				
4,4'-DDE	0.0299	0.00173	"	0.0349	ND	85.5	30-150				
4,4'-DDT	0.0314	0.00173	"	0.0349	ND	89.9	30-150				
Aldrin	0.0321	0.00173	"	0.0349	ND	92.0	30-150				
alpha-BHC	0.0372	0.00173	"	0.0349	ND	107	30-150				
alpha-Chlordane	0.0292	0.00173	"	0.0349	ND	83.6	30-150				
beta-BHC	0.0416	0.00173	"	0.0349	ND	119	30-150				
delta-BHC	0.0384	0.00173	"	0.0349	ND	110	30-150				
Dieldrin	0.0327	0.00173	"	0.0349	ND	93.6	30-150				
Endosulfan I	0.0311	0.00173	"	0.0349	ND	89.0	30-150				
Endosulfan II	0.0349	0.00173	"	0.0349	ND	99.9	30-150				
Endosulfan sulfate	0.0264	0.00173	"	0.0349	ND	75.7	30-150				
Endrin	0.0379	0.00173	"	0.0349	ND	109	30-150				
Endrin aldehyde	0.0320	0.00173	"	0.0349	ND	91.7	30-150				
Endrin ketone	0.0321	0.00173	"	0.0349	ND	92.0	30-150				
gamma-BHC (Lindane)	0.0340	0.00173	"	0.0349	ND	97.2	30-150				
gamma-Chlordane	0.0302	0.00173	"	0.0349	ND	86.4	30-150				
Heptachlor	0.0365	0.00173	"	0.0349	ND	105	30-150				
Heptachlor epoxide	0.0329	0.00173	"	0.0349	ND	94.1	30-150				
Methoxychlor	0.0285	0.00173	"	0.0349	ND	81.6	30-150				
Surrogate: Decachlorobiphenyl	*0.0474*		*"*	*0.0699*		*67.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0659*		*"*	*0.0699*		*94.3*	*30-150*				
Matrix Spike Dup (BI40006-M Matrix Spike Dup	*Source sample: 24H2102-01 (PE07_16)								Prepared: 09/01/2024 Analyzed: 09/03/2024		
4,4'-DDD	0.0310	0.00173	mg/kg dry	0.0349	ND	88.6	30-150		8.24	30	
4,4'-DDE	0.0298	0.00173	"	0.0349	ND	85.2	30-150		0.363	30	
4,4'-DDT	0.0288	0.00173	"	0.0349	ND	82.5	30-150		8.59	30	
Aldrin	0.0295	0.00173	"	0.0349	ND	84.5	30-150		8.40	30	
alpha-BHC	0.0346	0.00173	"	0.0349	ND	99.1	30-150		7.29	30	
alpha-Chlordane	0.0298	0.00173	"	0.0349	ND	85.3	30-150		2.05	30	
beta-BHC	0.0383	0.00173	"	0.0349	ND	110	30-150		8.20	30	
delta-BHC	0.0344	0.00173	"	0.0349	ND	98.5	30-150		11.1	30	
Dieldrin	0.0311	0.00173	"	0.0349	ND	89.1	30-150		4.95	30	
Endosulfan I	0.0316	0.00173	"	0.0349	ND	90.5	30-150		1.61	30	
Endosulfan II	0.0322	0.00173	"	0.0349	ND	92.1	30-150		8.17	30	
Endosulfan sulfate	0.0242	0.00173	"	0.0349	ND	69.4	30-150		8.68	30	
Endrin	0.0350	0.00173	"	0.0349	ND	100	30-150		8.07	30	
Endrin aldehyde	0.0304	0.00173	"	0.0349	ND	87.0	30-150		5.21	30	
Endrin ketone	0.0295	0.00173	"	0.0349	ND	84.4	30-150		8.63	30	
gamma-BHC (Lindane)	0.0318	0.00173	"	0.0349	ND	90.9	30-150		6.70	30	
gamma-Chlordane	0.0303	0.00173	"	0.0349	ND	86.6	30-150		0.295	30	
Heptachlor	0.0332	0.00173	"	0.0349	ND	95.2	30-150		9.44	30	
Heptachlor epoxide	0.0317	0.00173	"	0.0349	ND	90.8	30-150		3.63	30	
Methoxychlor	0.0258	0.00173	"	0.0349	ND	73.9	30-150		9.78	30	
Surrogate: Decachlorobiphenyl	*0.0455*		*"*	*0.0699*		*65.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0629*		*"*	*0.0699*		*90.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40222 - EPA SW846-3510C Low Level											
Blank (BI40222-BLK1) Blank								Prepared & Analyzed: 09/05/2024			
4,4'-DDD	ND	0.00800	ug/L								
4,4'-DDE	ND	0.00800	"								
4,4'-DDT	ND	0.00800	"								
Aldrin	ND	0.00800	"								
alpha-BHC	ND	0.00800	"								
alpha-Chlordane	ND	0.00800	"								
beta-BHC	ND	0.00800	"								
delta-BHC	ND	0.00800	"								
Dieldrin	ND	0.00400	"								
Endosulfan I	ND	0.00800	"								
Endosulfan II	ND	0.00800	"								
Endosulfan sulfate	ND	0.00800	"								
Endrin	ND	0.00800	"								
Endrin aldehyde	ND	0.0200	"								
Endrin ketone	ND	0.0200	"								
gamma-BHC (Lindane)	ND	0.00800	"								
gamma-Chlordane	ND	0.0200	"								
Heptachlor	ND	0.00800	"								
Heptachlor epoxide	ND	0.00800	"								
Methoxychlor	ND	0.00800	"								
Toxaphene	ND	0.200	"								
Chlordane, total (alpha, gamma)	ND	0.0200	"								
Surrogate: Decachlorobiphenyl	*0.244*		*"*	*0.200*		*122*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.290*		*"*	*0.200*		*145*	*30-150*				
LCS (BI40222-BS1) LCS								Prepared & Analyzed: 09/05/2024			
4,4'-DDD	0.0766	0.00400	ug/L	0.100		76.6	40-140			20	
4,4'-DDE	0.0698	0.00400	"	0.100		69.8	40-140			20	
4,4'-DDT	0.0750	0.00400	"	0.100		75.0	40-140			20	
Aldrin	0.0563	0.00400	"	0.100		56.3	40-140			20	
alpha-BHC	0.0654	0.00400	"	0.100		65.4	40-140			20	
alpha-Chlordane	0.0675	0.00400	"	0.100		67.5	40-140			20	
beta-BHC	0.0728	0.00400	"	0.100		72.8	40-140			20	
delta-BHC	0.0500	0.00400	"	0.100		50.0	40-140			20	
Dieldrin	0.0720	0.00200	"	0.100		72.0	40-140			20	
Endosulfan I	0.0709	0.00400	"	0.100		70.9	40-140			20	
Endosulfan II	0.0812	0.00400	"	0.100		81.2	40-140			20	
Endosulfan sulfate	0.0688	0.00400	"	0.100		68.8	40-140			20	
Endrin [2C]	0.0848	0.00400	"	0.100		84.8	40-140			20	
Endrin aldehyde	0.0780	0.0100	"	0.100		78.0	40-140			20	
Endrin ketone	0.0780	0.0100	"	0.100		78.0	40-140			20	
gamma-BHC (Lindane)	0.0645	0.00400	"	0.100		64.5	40-140			20	
gamma-Chlordane	0.0684	0.0100	"	0.100		68.4	40-140			20	
Heptachlor	0.0719	0.00400	"	0.100		71.9	40-140			20	
Heptachlor epoxide	0.0702	0.00400	"	0.100		70.2	40-140			20	
Methoxychlor	0.0804	0.00400	"	0.100		80.4	40-140			20	
Surrogate: Decachlorobiphenyl	*0.120*		*"*	*0.200*		*59.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.137*		*"*	*0.200*		*68.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40222 - EPA SW846-3510C Low Level											
LCS Dup (BI40222-BSD1) LCS Dup								Prepared & Analyzed: 09/05/2024			
4,4'-DDD	0.0712	0.00400	ug/L	0.100		71.2	40-140		7.38	20	
4,4'-DDE	0.0668	0.00400	"	0.100		66.8	40-140		4.28	20	
4,4'-DDT	0.0727	0.00400	"	0.100		72.7	40-140		3.10	20	
Aldrin	0.0545	0.00400	"	0.100		54.5	40-140		3.23	20	
alpha-BHC	0.0645	0.00400	"	0.100		64.5	40-140		1.50	20	
alpha-Chlordane	0.0653	0.00400	"	0.100		65.3	40-140		3.28	20	
beta-BHC	0.0711	0.00400	"	0.100		71.1	40-140		2.31	20	
delta-BHC	0.0497	0.00400	"	0.100		49.7	40-140		0.620	20	
Dieldrin	0.0701	0.00200	"	0.100		70.1	40-140		2.65	20	
Endosulfan I	0.0687	0.00400	"	0.100		68.7	40-140		3.21	20	
Endosulfan II	0.0774	0.00400	"	0.100		77.4	40-140		4.76	20	
Endosulfan sulfate	0.0669	0.00400	"	0.100		66.9	40-140		2.88	20	
Endrin [2C]	0.0820	0.00400	"	0.100		82.0	40-140		3.38	20	
Endrin aldehyde	0.0754	0.0100	"	0.100		75.4	40-140		3.37	20	
Endrin ketone	0.0763	0.0100	"	0.100		76.3	40-140		2.17	20	
gamma-BHC (Lindane)	0.0637	0.00400	"	0.100		63.7	40-140		1.17	20	
gamma-Chlordane	0.0664	0.0100	"	0.100		66.4	40-140		3.02	20	
Heptachlor	0.0703	0.00400	"	0.100		70.3	40-140		2.33	20	
Heptachlor epoxide	0.0683	0.00400	"	0.100		68.3	40-140		2.82	20	
Methoxychlor	0.0792	0.00400	"	0.100		79.2	40-140		1.43	20	
Surrogate: Decachlorobiphenyl	*0.118*		*"*	*0.200*		*59.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.137*		*"*	*0.200*		*68.6*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40006 - EPA 3550C											
Blank (BI40006-BLK2) Blank										Prepared: 09/01/2024 Analyzed: 09/03/2024	
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0648*		*"*	*0.0664*		*97.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0389*		*"*	*0.0664*		*58.5*	*30-120*				
LCS (BI40006-BS2) LCS										Prepared: 09/01/2024 Analyzed: 09/03/2024	
Aroclor 1016	0.246	0.0166	mg/kg wet	0.332		74.1	40-130				
Aroclor 1260	0.236	0.0166	"	0.332		71.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0555*		*"*	*0.0664*		*83.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0329*		*"*	*0.0664*		*49.5*	*30-120*				
Matrix Spike (BI40006-MS2) Matrix Spike *Source sample: 24H2102-01 (PE07_16)										Prepared: 09/01/2024 Analyzed: 09/03/2024	
Aroclor 1016	0.298	0.0175	mg/kg dry	0.349	ND	85.2	40-140				
Aroclor 1260	0.276	0.0175	"	0.349	ND	79.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0646*		*"*	*0.0699*		*92.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0356*		*"*	*0.0699*		*51.0*	*30-120*				
Matrix Spike Dup (BI40006-M Matrix Spike Dup *Source sample: 24H2102-01 (PE07_16)										Prepared: 09/01/2024 Analyzed: 09/03/2024	
Aroclor 1016	0.290	0.0175	mg/kg dry	0.349	ND	83.1	40-140		2.47	50	
Aroclor 1260	0.282	0.0175	"	0.349	ND	80.7	40-140		2.15	50	
Surrogate: Tetrachloro-m-xylene	*0.0618*		*"*	*0.0699*		*88.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0346*		*"*	*0.0699*		*49.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40222 - EPA SW846-3510C Low Level											
Blank (BI40222-BLK2) Blank								Prepared & Analyzed: 09/05/2024			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.165*		*"*	*0.200*		*82.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.111*		*"*	*0.200*		*55.5*	*30-150*				
LCS (BI40222-BS2) LCS								Prepared & Analyzed: 09/05/2024			
Aroclor 1016	0.885	0.0500	ug/L	1.00		88.5	40-120			20	
Aroclor 1260	0.863	0.0500	"	1.00		86.3	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.145*		*"*	*0.200*		*72.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.112*		*"*	*0.200*		*56.0*	*30-150*				
LCS Dup (BI40222-BSD2) LCS Dup								Prepared & Analyzed: 09/05/2024			
Aroclor 1016	0.836	0.0500	ug/L	1.00		83.6	40-120		5.67	20	
Aroclor 1260	0.806	0.0500	"	1.00		80.6	40-120		6.73	20	
Surrogate: Tetrachloro-m-xylene	*0.139*		*"*	*0.200*		*69.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.200*		*58.0*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40008 - EPA 3550C/8151A											
Blank (BI40008-BLK1) Blank									Prepared: 09/01/2024 Analyzed: 09/03/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.309*		*"*	*0.415*		*74.4*	*21-150*				
LCS (BI40008-BS1) LCS									Prepared: 09/01/2024 Analyzed: 09/03/2024		
2,4,5-T	0.0565	0.0199	mg/kg wet	0.0664		85.0	10-120				
2,4,5-TP (Silvex)	0.0590	0.0199	"	0.0664		88.8	10-120				
2,4-D	0.0656	0.0199	"	0.0664		98.7	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.345*		*"*	*0.415*		*83.0*	*21-150*				
Matrix Spike (BI40008-MS1) Matrix Spike *Source sample: 24H2102-01 (PE07_16)									Prepared: 09/01/2024 Analyzed: 09/03/2024		
2,4,5-T	0.0519	0.0211	mg/kg dry	0.0703	ND	73.8	10-120				
2,4,5-TP (Silvex)	0.0519	0.0211	"	0.0703	ND	73.8	10-120				
2,4-D	0.0703	0.0211	"	0.0703	ND	100	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.370*		*"*	*0.440*		*84.2*	*21-150*				
Matrix Spike Dup (BI40008-M Matrix Spike Dup *Source sample: 24H2102-01 (PE07_16)									Prepared: 09/01/2024 Analyzed: 09/03/2024		
2,4,5-T	0.0536	0.0211	mg/kg dry	0.0703	ND	76.2	10-120		3.33	35	
2,4,5-TP (Silvex)	0.0536	0.0211	"	0.0703	ND	76.2	10-120		3.33	35	
2,4-D	0.0870	0.0211	"	0.0703	ND	124	10-118	High Bias	21.2	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.384*		*"*	*0.440*		*87.4*	*21-150*				
Batch BI40091 - EPA 8151A											
Blank (BI40091-BLK1) Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*97.2*		*"*	*125*		*77.8*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40091 - EPA 8151A											
LCS (BI40091-BS1) LCS									Prepared: 09/03/2024 Analyzed: 09/04/2024		
2,4,5-T	12.0	5.00	ug/L	20.0		60.0	10-140				
2,4,5-TP (Silvex)	14.5	5.00	"	20.0		72.5	10-139				
2,4-D	13.0	5.00	"	20.0		65.0	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*80.5*		*"*	*125*		*64.4*	*30-150*				
LCS Dup (BI40091-BSD1) LCS Dup									Prepared: 09/03/2024 Analyzed: 09/04/2024		
2,4,5-T	13.8	5.00	ug/L	20.0		68.8	10-140		13.6	30	
2,4,5-TP (Silvex)	16.5	5.00	"	20.0		82.5	10-139		12.9	30	
2,4-D	15.0	5.00	"	20.0		75.0	10-140		14.3	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*91.8*		*"*	*125*		*73.4*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40069 - EPA 3015A											
Blank (BI40069-BLK1) Blank									Prepared: 09/03/2024 Analyzed: 09/04/2024		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BI40069-BS1) LCS									Prepared: 09/03/2024 Analyzed: 09/04/2024		
Aluminum	1.90		ug/mL	2.00		94.8	80-120				
Barium	2.09		"	2.00		105	80-120				
Calcium	1.03		"	1.00		103	80-120				
Chromium	0.199		"	0.200		99.5	80-120				
Cobalt	0.532		"	0.500		106	80-120				
Copper	0.261		"	0.250		104	80-120				
Iron	1.01		"	1.00		101	80-120				
Lead	0.487		"	0.500		97.3	80-120				
Magnesium	0.962		"	1.00		96.2	80-120				
Manganese	0.518		"	0.500		104	80-120				
Nickel	0.516		"	0.500		103	80-120				
Potassium	0.859		"	1.00		85.9	80-120				
Silver	0.0479		"	0.0500		95.8	80-120				
Sodium	0.742		"	1.00		74.2	80-120	Low Bias			
Vanadium	0.484		"	0.500		96.8	80-120				
Zinc	0.471		"	0.500		94.1	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40170 - EPA 3050B											
Blank (BI40170-BLK1) Blank									Prepared: 09/04/2024 Analyzed: 09/05/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BI40170-DUP1) Duplicate *Source sample: 24H2102-01 (PE07_16)									Prepared: 09/04/2024 Analyzed: 09/05/2024		
Aluminum	5440	4.41	mg/kg dry		5360				1.46	35	
Antimony	ND	2.20	"		ND					35	
Arsenic	2.20	1.32	"		2.50				12.8	35	
Barium	19.6	2.20	"		12.4				45.3	35	Non-dir.
Beryllium	ND	0.044	"		ND					35	
Cadmium	ND	0.265	"		ND					35	
Calcium	492	4.41	"		511				3.80	35	
Chromium	13.5	0.441	"		15.3				12.4	35	
Cobalt	3.37	0.352	"		3.18				6.09	35	
Copper	8.62	1.76	"		9.08				5.25	35	
Iron	10600	22.0	"		11300				6.23	35	
Lead	5.35	0.441	"		5.23				2.37	35	
Magnesium	1420	4.41	"		1450				1.75	35	
Manganese	57.1	0.441	"		56.8				0.569	35	
Nickel	12.6	0.878	"		12.5				1.31	35	
Potassium	438	4.41	"		440				0.464	35	
Selenium	ND	2.20	"		ND					35	
Silver	ND	0.445	"		ND					35	
Sodium	ND	44.1	"		44.3					35	
Thallium	ND	2.20	"		ND					35	
Vanadium	20.1	0.878	"		22.1				9.05	35	
Zinc	15.3	2.20	"		16.0				4.27	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40170 - EPA 3050B											
Matrix Spike (BI40170-MS1) Matrix Spike	*Source sample: 24H2102-01 (PE07_16)							Prepared: 09/04/2024 Analyzed: 09/05/2024			
Aluminum	5620	4.41	mg/kg dry	176	5360	147	75-125	High Bias			
Antimony	10.7	2.20	"	22.0	ND	48.6	75-125	Low Bias			
Arsenic	188	1.32	"	176	2.50	105	75-125				
Barium	201	2.20	"	176	12.4	107	75-125				
Beryllium	4.24	0.044	"	4.41	ND	96.1	75-125				
Cadmium	4.54	0.265	"	4.41	ND	103	75-125				
Calcium	567	4.41	"	88.2	511	63.4	75-125	Low Bias			
Chromium	30.8	0.441	"	17.6	15.3	87.8	75-125				
Cobalt	47.1	0.352	"	44.1	3.18	99.6	75-125				
Copper	31.8	1.76	"	22.0	9.08	103	75-125				
Iron	10800	22.0	"	88.2	11300	NR	75-125	Low Bias			
Lead	52.5	0.441	"	44.1	5.23	107	75-125				
Magnesium	1570	4.41	"	88.2	1450	131	75-125	High Bias			
Manganese	97.6	0.441	"	44.1	56.8	92.6	75-125				
Nickel	56.3	0.878	"	44.1	12.5	99.4	75-125				
Potassium	509	4.41	"	88.2	440	78.1	75-125				
Selenium	186	2.20	"	176	ND	105	75-125				
Silver	1.17	0.445	"	4.41	ND	26.6	75-125	Low Bias			
Sodium	123	44.1	"	88.2	44.3	88.8	75-125				
Thallium	177	2.20	"	176	ND	100	75-125				
Vanadium	61.4	0.878	"	44.1	22.1	89.3	75-125				
Zinc	56.2	2.20	"	44.1	16.0	91.3	75-125				
Post Spike (BI40170-PS1) Post Spike	*Source sample: 24H2102-01 (PE07_16)							Prepared: 09/04/2024 Analyzed: 09/05/2024			
Aluminum	59.8		ug/mL	2.00	60.8	NR	75-125	Low Bias			
Antimony	0.248		"	0.250	0.016	92.8	75-125				
Arsenic	1.90		"	2.00	0.028	93.5	75-125				
Barium	2.12		"	2.00	0.140	99.1	75-125				
Beryllium	0.046		"	0.0500	-0.0002	92.2	75-125				
Cadmium	0.046		"	0.0500	-0.0003	91.6	75-125				
Calcium	6.16		"	1.00	5.80	36.3	75-125	Low Bias			
Chromium	0.348		"	0.200	0.174	87.2	75-125				
Cobalt	0.516		"	0.500	0.036	95.9	75-125				
Copper	0.347		"	0.250	0.103	97.5	75-125				
Iron	118		"	1.00	128	NR	75-125	Low Bias			
Lead	0.508		"	0.500	0.059	89.7	75-125				
Magnesium	15.7		"	1.00	16.4	NR	75-125	Low Bias			
Manganese	1.09		"	0.500	0.644	88.9	75-125				
Nickel	0.611		"	0.500	0.141	94.0	75-125				
Potassium	5.69		"	1.00	4.99	69.7	75-125	Low Bias			
Selenium	1.87		"	2.00	0.008	93.0	75-125				
Silver	0.020		"	0.0500	-0.034	39.7	75-125	Low Bias			
Sodium	1.31		"	1.00	0.502	81.1	75-125				
Thallium	1.77		"	2.00	-0.015	88.6	75-125				
Vanadium	0.690		"	0.500	0.250	88.0	75-125				
Zinc	0.613		"	0.500	0.181	86.4	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40170 - EPA 3050B											
Reference (BI40170-SRM1) Reference									Prepared: 09/04/2024 Analyzed: 09/05/2024		
Aluminum	6890	4.17	mg/kg wet	7680		89.7	35.7-119				
Antimony	64.9	2.08	"	244		26.6	0-99.5				
Arsenic	248	1.25	"	283		87.5	69.9-101.4				
Barium	328	2.08	"	326		101	73.9-107.1				
Beryllium	153	0.042	"	175		87.3	75.4-107.4				
Cadmium	85.0	0.250	"	95.8		88.7	72.3-103.7				
Calcium	5090	4.17	"	5470		93.0	79.5-113.2				
Chromium	217	0.417	"	239		90.8	72.4-106.3				
Cobalt	139	0.333	"	150		93.0	76-107.3				
Copper	208	1.67	"	217		95.9	74.7-105.1				
Iron	6500	20.8	"	7360		88.4	53-127.9				
Lead	191	0.417	"	210		90.8	75.7-109.5				
Magnesium	1850	4.17	"	2080		89.2	67.3-111.1				
Manganese	266	0.417	"	290		91.7	73.4-108.3				
Nickel	307	0.830	"	329		93.3	74.5-106.7				
Potassium	2110	4.17	"	2330		90.3	60.9-111.6				
Selenium	282	2.08	"	281		100	77.6-116.7				
Silver	71.8	0.420	"	82.7		86.9	73.7-111.7				
Sodium	414	41.7	"	427		96.9	71.2-118.7				
Thallium	110	2.08	"	123		89.4	70.2-104.8				
Vanadium	166	0.830	"	192		86.3	68.8-107.8				
Zinc	231	2.08	"	260		89.0	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40123 - EPA 3015A											
Blank (BI40123-BLK1) Blank									Prepared: 09/04/2024 Analyzed: 09/05/2024		
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BI40123-BS1) LCS									Prepared: 09/04/2024 Analyzed: 09/05/2024		
Antimony	45.3		ug/L	50.0		90.6	80-120				
Arsenic	48.3		"	50.0		96.5	80-120				
Beryllium	47.2		"	50.0		94.4	80-120				
Cadmium	45.1		"	50.0		90.1	80-120				
Selenium	48.2		"	50.0		96.4	80-120				
Thallium	46.6		"	50.0		93.1	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42136 - EPA 7473 soil												
Blank (BH42136-BLK1)	Blank									Prepared: 08/31/2024 Analyzed: 09/03/2024		
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BH42136-DUP1)	Duplicate	*Source sample: 24H2102-01 (PE07_16)								Prepared: 08/31/2024 Analyzed: 09/03/2024		
Mercury		ND	0.0318	mg/kg dry		ND					35	
Matrix Spike (BH42136-MS1)	Matrix Spike	*Source sample: 24H2102-01 (PE07_16)								Prepared: 08/31/2024 Analyzed: 09/03/2024		
Mercury		ND	0.0318	mg/kg dry	0.0000265	ND		75-125	Low Bias			
Reference (BH42136-SRM1)	Reference									Prepared: 08/31/2024 Analyzed: 09/03/2024		
Mercury		15.776		mg/kg	18.2		86.7	59.9-140.1				
Batch BI40124 - EPA SW846-7470A												
Blank (BI40124-BLK1)	Blank									Prepared & Analyzed: 09/04/2024		
Mercury		ND	0.0002	mg/L								
Blank (BI40124-BLK2)	Blank									Prepared & Analyzed: 09/04/2024		
Mercury		ND	0.0002	mg/L								
LCS (BI40124-BS1)	LCS									Prepared & Analyzed: 09/04/2024		
Mercury		0.0021705	0.0002	mg/L	0.00200		109	80-120				
LCS (BI40124-BS2)	LCS									Prepared & Analyzed: 09/04/2024		
Mercury		0.0021913	0.0002	mg/L	0.00200		110	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH42035 - Analysis Preparation												
Blank (BH42035-BLK1)	Blank									Prepared & Analyzed: 08/29/2024		
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BH42035-BS1)	LCS									Prepared & Analyzed: 08/29/2024		
Chromium, Hexavalent		0.480	0.0100	mg/L	0.500		96.0	85-115				
Batch BH42050 - Analysis Preparation Soil												
Blank (BH42050-BLK1)	Blank									Prepared & Analyzed: 08/30/2024		
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BH42050-DUP1)	Duplicate	*Source sample: 24H2102-01 (PE07_16)								Prepared & Analyzed: 08/30/2024		
Cyanide, total		ND	0.529	mg/kg dry		ND					15	
Matrix Spike (BH42050-MS1)	Matrix Spike	*Source sample: 24H2102-01 (PE07_16)								Prepared & Analyzed: 08/30/2024		
Cyanide, total		5.03	0.529	mg/kg dry	5.29	ND	95.0	79.6-107				
Matrix Spike Dup (BH42050-!	Matrix Spike Dup	*Source sample: 24H2102-01 (PE07_16)								Prepared & Analyzed: 08/30/2024		
Cyanide, total		5.34	0.529	mg/kg dry	5.29	ND	101	79.6-107		6.12	200	
Reference (BH42050-SRM1)	Reference									Prepared & Analyzed: 08/30/2024		
Cyanide, total		53.7		ug/mL	59.7		90.0	38.5-161.4				
Batch BI40056 - EPA SW846-3060												
Blank (BI40056-BLK1)	Blank									Prepared & Analyzed: 09/03/2024		
Chromium, Hexavalent		ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40056 - EPA SW846-3060												
Duplicate (BI40056-DUP1)	Duplicate	*Source sample: 24H2102-01 (PE07_16)								Prepared & Analyzed: 09/03/2024		
Chromium, Hexavalent		ND	0.529	mg/kg dry		ND					35	
Matrix Spike (BI40056-MS1)	Matrix Spike	*Source sample: 24H2102-01 (PE07_16)								Prepared & Analyzed: 09/03/2024		
Chromium, Hexavalent		7.54	0.529	mg/kg dry	21.2	ND	35.6	75-125	Low Bias			
Matrix Spike Dup (BI40056-M	Matrix Spike Dup	*Source sample: 24H2102-01 (PE07_16)								Prepared & Analyzed: 09/03/2024		
Chromium, Hexavalent		5.46	0.529	mg/kg dry	21.2	ND	25.8	75-125	Low Bias	31.9	200	
Reference (BI40056-SRM1)	Reference									Prepared & Analyzed: 09/03/2024		
Chromium, Hexavalent		250		mg/L	227		110	42.3-157.7				
Batch BI40095 - Analysis Preparation												
Blank (BI40095-BLK1)	Blank									Prepared & Analyzed: 09/03/2024		
Cyanide, total		ND	0.0100	mg/L								
LCS (BI40095-BS1)	LCS									Prepared & Analyzed: 09/03/2024		
Cyanide, total		0.100	0.0100	mg/L	0.100		100	80-120				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40017 - % Solids Prep											
Duplicate (BI40017-DUP1) Duplicate	*Source sample: 24H2102-01 (PE07_16)								Prepared & Analyzed: 09/03/2024		
% Solids	94.4	0.100	%		94.5				0.0595	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H2102-01	PE07_16	40mL Vial with Stir Bar-Cool 4° C
24H2102-02	FB_08292024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H2102-04	TB_08292024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report hs been revised to include Herbicide QC data.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24H2102

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany, NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp. G/C
PE-07-16	08/29	1200	S	3									1	X	X	X	X	X	X	X	X	X	
FB-08292024		1400	AQ	10	3		1		1					X	X	X	X	X	X	X	X	X	
EB-08292024		1415	AQ	2																	X		
TB-08292024					2									X									

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments: Extra volume provided for MS/MSD

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Daniel Horvath / LANGAN	8/29/24 1445	Ramon Duran	8/29/24 1445	Ramon Duran	8/29/24 1940
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				AM	8/29/24 1940 / 3.7 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0063

Report Date: 09/09/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0063

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 03, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24I0063-01	PE03_15	Soil	09/03/2024	09/03/2024
24I0063-02	TB_09032024	Water	09/03/2024	09/03/2024

General Notes for York Project (SDG) No.: 24I0063

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 09/09/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.11	0.22	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.014**	J	mg/kg dry	0.011	0.022	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.011	0.022	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.011	0.022	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.011	0.022	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.016	0.033	1	EPA 8260C	09/04/2024 09:00	09/04/2024 19:23	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.117**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.219	0.438	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.321**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.219	0.438	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.344**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.272**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.176**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.197**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.186**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.386**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0734**	J	mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.686**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.172**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.194**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**1.11**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.757**		mg/kg dry	0.0548	0.109	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.219	0.438	2	EPA 8270D	09/04/2024 13:46	09/05/2024 14:11	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*51.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270D SIM	09/06/2024 08:23	09/09/2024 05:15	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*65.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.147	0.234	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0701	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.139	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.544**		ug/kg dry	0.237	0.242	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.228	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.61**		ug/kg dry	0.221	0.246	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.250	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.253	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.262	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.216	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.165	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.136	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.196	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.257	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.144	0.529	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.193	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.205	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.253	0.255	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.787	1.01	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.999	1.02	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.144	1.06	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.184	0.471	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.255	0.529	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0820	0.529	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.127	0.529	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.208	0.249	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.787	0.992	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.804	1.06	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.411	1.00	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.325	0.989	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.230	1.00	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.224	0.257	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.164	0.254	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.839	1.32	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.78	6.61	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.98	6.61	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.808	2.65	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.238	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.922	2.65	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.262	0.265	1	EPA 1633 Draft 3	09/05/2024 09:21	09/06/2024 20:57	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*95.4 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*129 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*78.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*96.6 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*134 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*98.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*126 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*121 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*142 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*216 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*173 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*102 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*221 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*103 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*84.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*70.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*66.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.218	5	EPA 8081B	09/04/2024 13:44	09/05/2024 18:05	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0221	1	EPA 8082A	09/04/2024 13:44	09/05/2024 18:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0221	1	EPA 8082A	09/04/2024 13:44	09/05/2024 18:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0221	1	EPA 8082A	09/04/2024 13:44	09/05/2024 18:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0221	1	EPA 8082A	09/04/2024 13:44	09/05/2024 18:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0221	1	EPA 8082A	09/04/2024 13:44	09/05/2024 18:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0221	1	EPA 8082A	09/04/2024 13:44	09/05/2024 18:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0221	1	EPA 8082A	09/04/2024 13:44	09/05/2024 18:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0221	1	EPA 8082A	09/04/2024 13:44	09/05/2024 18:52	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0265	1	EPA 8151A	09/05/2024 08:31	09/05/2024 20:24	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0265	1	EPA 8151A	09/05/2024 08:31	09/05/2024 20:24	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0265	1	EPA 8151A	09/05/2024 08:31	09/05/2024 20:24	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*72.8 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9140**		mg/kg dry	5.53	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.77	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.78**		mg/kg dry	1.66	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**190**		mg/kg dry	2.76	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.465**		mg/kg dry	0.056	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.432**		mg/kg dry	0.332	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3480**		mg/kg dry	5.53	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.4**		mg/kg dry	0.554	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.14**		mg/kg dry	0.442	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**48.9**		mg/kg dry	2.21	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13700**		mg/kg dry	27.7	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**180**		mg/kg dry	0.554	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1370**		mg/kg dry	5.54	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**153**		mg/kg dry	0.554	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**17.4**		mg/kg dry	1.10	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**645**		mg/kg dry	5.54	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.77	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**938**		mg/kg dry	55.3	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.77	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**22.7**		mg/kg dry	1.10	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**267**		mg/kg dry	2.76	1	EPA 6010D	09/05/2024 12:45	09/09/2024 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.231**		mg/kg dry	0.0398	1	EPA 7473	09/05/2024 13:55	09/06/2024 15:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.664	1	EPA 7196A	09/04/2024 09:09	09/04/2024 15:42	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**17.4**		mg/kg	0.500	1	Calculation	09/09/2024 18:02	09/09/2024 18:09	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.664	1	EPA 9014/9010C	09/04/2024 08:00	09/04/2024 15:35	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE03_15 **York Sample ID:** 24I0063-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Soil	September 3, 2024 12:00 pm	09/03/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.3**		%	0.100	1	SM 2540G	09/04/2024 09:36	09/04/2024 15:13	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: TB_09032024 **York Sample ID:** 24I0063-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Water	September 3, 2024 12:00 pm	09/03/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09032024 **York Sample ID:** 24I0063-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Water	September 3, 2024 12:00 pm	09/03/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**1.48**	CCVE	ug/L	0.422	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09032024 **York Sample ID:** 24I0063-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Water	September 3, 2024 12:00 pm	09/03/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09032024 **York Sample ID:** 24I0063-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0063	100688801	Water	September 3, 2024 12:00 pm	09/03/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	ug/L	0.229	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/05/2024 11:00	09/05/2024 18:39	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.0 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*70-130*

Analytical Batch Summary

Batch ID: BI40117 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-01	PE03_15	09/04/24
BI40117-BLK1	Blank	09/04/24
BI40117-SRM1	Reference	09/04/24

Batch ID: BI40133 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-01	PE03_15	09/04/24
BI40133-BLK1	Blank	09/04/24
BI40133-SRM1	Reference	09/04/24

Batch ID: BI40144 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-01	PE03_15	09/04/24

Batch ID: BI40160 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-01	PE03_15	09/04/24
24I0063-01	PE03_15	09/04/24
BI40160-BLK1	Blank	09/04/24
BI40160-BLK2	Blank	09/04/24
BI40160-BS1	LCS	09/04/24
BI40160-BS2	LCS	09/04/24

Batch ID: BI40161 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-01	PE03_15	09/04/24
BI40161-BLK1	Blank	09/04/24
BI40161-BS1	LCS	09/04/24

Batch ID: BI40220 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-01	PE03_15	09/05/24
BI40220-BLK1	Blank	09/05/24
BI40220-BS1	LCS	09/05/24

Batch ID: BI40236 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-01	PE03_15	09/05/24
BI40236-BLK1	Blank	09/05/24
BI40236-BS1	LCS	09/05/24
BI40236-BS2	LCS	09/05/24

Batch ID: BI40251 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-01	PE03_15	09/05/24
BI40251-BLK1	Blank	09/05/24
BI40251-SRM1	Reference	09/05/24

Batch ID: BI40255 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-01	PE03_15	09/05/24
BI40255-BLK1	Blank	09/05/24
BI40255-SRM1	Reference	09/05/24

Batch ID: BI40275 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-02	TB_09032024	09/05/24
BI40275-BLK1	Blank	09/05/24
BI40275-BS1	LCS	09/05/24
BI40275-BSD1	LCS Dup	09/05/24

Batch ID: BI40276 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-01	PE03_15	09/04/24
BI40276-BLK1	Blank	09/04/24
BI40276-BS1	LCS	09/04/24
BI40276-BSD1	LCS Dup	09/04/24

Batch ID: BI40318 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-01	PE03_15	09/06/24
BI40318-BLK1	Blank	09/06/24
BI40318-BS1	LCS	09/06/24

Batch ID: BI40486 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24I0063-01	PE03_15	09/09/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40275 - EPA 5030B											
Blank (BI40275-BLK1) Blank									Prepared & Analyzed: 09/05/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	0.530	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.140	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40275 - EPA 5030B											
Blank (BI40275-BLK1) Blank								Prepared & Analyzed: 09/05/2024			
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.04*		*"*	*10.0*		*90.4*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.7*		*"*	*10.0*		*117*	*70-130*				
LCS (BI40275-BS1) LCS								Prepared & Analyzed: 09/05/2024			
1,1,1,2-Tetrachloroethane	9.24		ug/L	10.0		92.4	82-126			30	
1,1,1-Trichloroethane	9.62		"	10.0		96.2	70-130			20	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130			20	
1,1,2-Trichloroethane	9.28		"	10.0		92.8	70-130			20	
1,1-Dichloroethane	9.72		"	10.0		97.2	70-130			20	
1,1-Dichloroethylene	11.0		"	10.0		110	70-130			20	
1,1-Dichloropropylene	10.4		"	10.0		104	83-133			30	
1,2,3-Trichlorobenzene	10.5		"	10.0		105	70-130			20	
1,2,3-Trichloropropane	12.5		"	10.0		125	77-128			30	
1,2,4-Trichlorobenzene	7.34		"	10.0		73.4	70-130			20	
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132			20	
1,2-Dibromo-3-chloropropane	11.1		"	10.0		111	40-160			20	
1,2-Dibromoethane	8.93		"	10.0		89.3	70-130			20	
1,2-Dichlorobenzene	9.48		"	10.0		94.8	70-130			20	
1,2-Dichloroethane	9.28		"	10.0		92.8	70-130			20	
1,2-Dichloropropane	10.1		"	10.0		101	70-130			20	
1,3,5-Trimethylbenzene	11.7		"	10.0		117	80-131			30	
1,3-Dichlorobenzene	9.85		"	10.0		98.5	70-130			20	
1,3-Dichloropropane	9.46		"	10.0		94.6	81-125			30	
1,4-Dichlorobenzene	9.54		"	10.0		95.4	70-130			20	
1,4-Dioxane	180		"	210		85.6	40-160			20	
2,2-Dichloropropane	9.72		"	10.0		97.2	56-150			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40275 - EPA 5030B											
LCS (BI40275-BS1) LCS							Prepared & Analyzed: 09/05/2024				
2-Butanone	9.92		ug/L	10.0		99.2	40-160			20	
2-Chlorotoluene	11.0		"	10.0		110	79-130			30	
2-Hexanone	8.10		"	10.0		81.0	40-160			20	
4-Chlorotoluene	11.1		"	10.0		111	79-128			30	
4-Methyl-2-pentanone	7.00		"	10.0		70.0	40-160			20	
Acetone	8.04		"	10.0		80.4	40-160			20	
Acrolein	4.04		"	10.0		40.4	10-153			30	
Acrylonitrile	9.04		"	10.0		90.4	51-150			30	
Benzene	10.1		"	10.0		101	70-130			20	
Bromobenzene	10.9		"	10.0		109	78-129			30	
Bromochloromethane	9.46		"	10.0		94.6	70-130			20	
Bromodichloromethane	9.22		"	10.0		92.2	70-130			20	
Bromoform	7.52		"	10.0		75.2	70-130			20	
Bromomethane	9.40		"	10.0		94.0	40-160			20	
Carbon disulfide	10.2		"	10.0		102	40-160			20	
Carbon tetrachloride	10.1		"	10.0		101	70-130			20	
Chlorobenzene	9.42		"	10.0		94.2	70-130			20	
Chloroethane	9.32		"	10.0		93.2	40-160			20	
Chloroform	9.64		"	10.0		96.4	70-130			20	
Chloromethane	8.42		"	10.0		84.2	40-160			20	
cis-1,2-Dichloroethylene	9.90		"	10.0		99.0	70-130			20	
cis-1,3-Dichloropropylene	8.67		"	10.0		86.7	70-130			20	
Cyclohexane	8.84		"	10.0		88.4	70-130			20	
Dibromochloromethane	8.72		"	10.0		87.2	70-130			20	
Dibromomethane	9.06		"	10.0		90.6	72-134			30	
Dichlorodifluoromethane	7.12		"	10.0		71.2	40-160			20	
Ethyl Benzene	10.3		"	10.0		103	70-130			20	
Hexachlorobutadiene	8.56		"	10.0		85.6	67-146			30	
Isopropylbenzene	12.0		"	10.0		120	70-130			20	
Methyl acetate	8.50		"	10.0		85.0	70-130			20	
Methyl tert-butyl ether (MTBE)	8.45		"	10.0		84.5	70-130			20	
Methylcyclohexane	10.6		"	10.0		106	70-130			20	
Methylene chloride	9.59		"	10.0		95.9	70-130			20	
n-Butylbenzene	11.1		"	10.0		111	79-132			30	
n-Propylbenzene	12.1		"	10.0		121	78-133			30	
o-Xylene	9.74		"	10.0		97.4	70-130			20	
p- & m- Xylenes	20.4		"	20.0		102	70-130			20	
p-Isopropyltoluene	12.0		"	10.0		120	81-136			30	
sec-Butylbenzene	11.9		"	10.0		119	79-137			30	
Styrene	9.73		"	10.0		97.3	70-130			20	
tert-Butyl alcohol (TBA)	14.2		"	50.0		28.4	25-162			30	
tert-Butylbenzene	10.8		"	10.0		108	77-138			30	
Tetrachloroethylene	9.53		"	10.0		95.3	70-130			20	
Toluene	10.1		"	10.0		101	70-130			20	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	70-130			20	
trans-1,3-Dichloropropylene	7.43		"	10.0		74.3	70-130			20	
Trichloroethylene	10.0		"	10.0		100	70-130			20	
Trichlorofluoromethane	9.56		"	10.0		95.6	40-160			20	
Vinyl Chloride	9.03		"	10.0		90.3	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.11*		*"*	*10.0*		*91.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40275 - EPA 5030B											
LCS (BI40275-BS1) LCS								Prepared & Analyzed: 09/05/2024			
Surrogate: SURR: p-Bromofluorobenzene	*11.3*		*ug/L*	*10.0*		*113*	*70-130*				
LCS Dup (BI40275-BSD1) LCS Dup								Prepared & Analyzed: 09/05/2024			
1,1,1,2-Tetrachloroethane	8.96		ug/L	10.0		89.6	82-126		3.08	30	
1,1,1-Trichloroethane	8.72		"	10.0		87.2	70-130		9.81	20	
1,1,2,2-Tetrachloroethane	9.72		"	10.0		97.2	70-130		9.41	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09		"	10.0		90.9	70-130		16.9	20	
1,1,2-Trichloroethane	8.92		"	10.0		89.2	70-130		3.96	20	
1,1-Dichloroethane	9.12		"	10.0		91.2	70-130		6.37	20	
1,1-Dichloroethylene	9.67		"	10.0		96.7	70-130		13.2	20	
1,1-Dichloropropylene	9.39		"	10.0		93.9	83-133		10.7	30	
1,2,3-Trichlorobenzene	9.42		"	10.0		94.2	70-130		10.6	20	
1,2,3-Trichloropropane	10.8		"	10.0		108	77-128		13.9	30	
1,2,4-Trichlorobenzene	7.62		"	10.0		76.2	70-130		3.74	20	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		10.0	20	
1,2-Dibromo-3-chloropropane	9.80		"	10.0		98.0	40-160		12.7	20	
1,2-Dibromoethane	8.70		"	10.0		87.0	70-130		2.61	20	
1,2-Dichlorobenzene	8.71		"	10.0		87.1	70-130		8.47	20	
1,2-Dichloroethane	9.39		"	10.0		93.9	70-130		1.18	20	
1,2-Dichloropropane	9.60		"	10.0		96.0	70-130		5.37	20	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		11.7	30	
1,3-Dichlorobenzene	9.08		"	10.0		90.8	70-130		8.14	20	
1,3-Dichloropropane	9.02		"	10.0		90.2	81-125		4.76	30	
1,4-Dichlorobenzene	8.71		"	10.0		87.1	70-130		9.10	20	
1,4-Dioxane	183		"	210		87.0	40-160		1.63	20	
2,2-Dichloropropane	8.88		"	10.0		88.8	56-150		9.03	30	
2-Butanone	8.94		"	10.0		89.4	40-160		10.4	20	
2-Chlorotoluene	9.83		"	10.0		98.3	79-130		11.4	30	
2-Hexanone	8.95		"	10.0		89.5	40-160		9.97	20	
4-Chlorotoluene	9.91		"	10.0		99.1	79-128		11.0	30	
4-Methyl-2-pentanone	7.20		"	10.0		72.0	40-160		2.82	20	
Acetone	10.7		"	10.0		107	40-160		28.3	20	Non-dir.
Acrolein	4.76		"	10.0		47.6	10-153		16.4	30	
Acrylonitrile	9.04		"	10.0		90.4	51-150		0.00	30	
Benzene	9.49		"	10.0		94.9	70-130		6.52	20	
Bromobenzene	9.86		"	10.0		98.6	78-129		10.2	30	
Bromochloromethane	9.05		"	10.0		90.5	70-130		4.43	20	
Bromodichloromethane	8.90		"	10.0		89.0	70-130		3.53	20	
Bromoform	7.33		"	10.0		73.3	70-130		2.56	20	
Bromomethane	8.54		"	10.0		85.4	40-160		9.59	20	
Carbon disulfide	9.05		"	10.0		90.5	40-160		11.5	20	
Carbon tetrachloride	8.93		"	10.0		89.3	70-130		12.4	20	
Chlorobenzene	8.91		"	10.0		89.1	70-130		5.56	20	
Chloroethane	8.33		"	10.0		83.3	40-160		11.2	20	
Chloroform	9.05		"	10.0		90.5	70-130		6.31	20	
Chloromethane	7.47		"	10.0		74.7	40-160		12.0	20	
cis-1,2-Dichloroethylene	9.25		"	10.0		92.5	70-130		6.79	20	
cis-1,3-Dichloropropylene	8.36		"	10.0		83.6	70-130		3.64	20	
Cyclohexane	7.65		"	10.0		76.5	70-130		14.4	20	
Dibromochloromethane	8.35		"	10.0		83.5	70-130		4.34	20	
Dibromomethane	8.60		"	10.0		86.0	72-134		5.21	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40275 - EPA 5030B											
LCS Dup (BI40275-BSD1) LCS Dup							Prepared & Analyzed: 09/05/2024				
Dichlorodifluoromethane	5.56		ug/L	10.0		55.6	40-160		24.6	20	Non-dir.
Ethyl Benzene	9.66		"	10.0		96.6	70-130		6.61	20	
Hexachlorobutadiene	8.84		"	10.0		88.4	67-146		3.22	30	
Isopropylbenzene	10.5		"	10.0		105	70-130		13.7	20	
Methyl acetate	8.53		"	10.0		85.3	70-130		0.352	20	
Methyl tert-butyl ether (MTBE)	8.33		"	10.0		83.3	70-130		1.43	20	
Methylcyclohexane	9.02		"	10.0		90.2	70-130		16.5	20	
Methylene chloride	9.05		"	10.0		90.5	70-130		5.79	20	
n-Butylbenzene	10.2		"	10.0		102	79-132		9.03	30	
n-Propylbenzene	10.5		"	10.0		105	78-133		14.0	30	
o-Xylene	9.26		"	10.0		92.6	70-130		5.05	20	
p- & m- Xylenes	19.1		"	20.0		95.5	70-130		6.78	20	
p-Isopropyltoluene	10.6		"	10.0		106	81-136		12.0	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		13.5	30	
Styrene	9.15		"	10.0		91.5	70-130		6.14	20	
tert-Butyl alcohol (TBA)	13.2		"	50.0		26.5	25-162		6.85	30	
tert-Butylbenzene	9.49		"	10.0		94.9	77-138		13.0	30	
Tetrachloroethylene	8.69		"	10.0		86.9	70-130		9.22	20	
Toluene	9.45		"	10.0		94.5	70-130		6.85	20	
trans-1,2-Dichloroethylene	9.17		"	10.0		91.7	70-130		9.65	20	
trans-1,3-Dichloropropylene	7.33		"	10.0		73.3	70-130		1.36	20	
Trichloroethylene	9.22		"	10.0		92.2	70-130		8.42	20	
Trichlorofluoromethane	8.12		"	10.0		81.2	40-160		16.3	20	
Vinyl Chloride	7.64		"	10.0		76.4	70-130		16.7	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.28*		*"*	*10.0*		*92.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40276 - EPA 5035A											
Blank (BI40276-BLK1) Blank									Prepared & Analyzed: 09/04/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40276 - EPA 5035A											
Blank (BI40276-BLK1) Blank								Prepared & Analyzed: 09/04/2024			
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				
LCS (BI40276-BS1) LCS								Prepared & Analyzed: 09/04/2024			
1,1,1,2-Tetrachloroethane	52.0		ug/L	50.0		104	75-129			30	
1,1,1-Trichloroethane	47.6		"	50.0		95.1	70-130			30	
1,1,2,2-Tetrachloroethane	46.3		"	50.0		92.5	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.1		"	50.0		100	70-130			30	
1,1,2-Trichloroethane	50.7		"	50.0		101	70-130			30	
1,1-Dichloroethane	48.0		"	50.0		96.1	70-130			30	
1,1-Dichloroethylene	51.8		"	50.0		104	70-130			30	
1,1-Dichloropropylene	51.4		"	50.0		103	77-127			30	
1,2,3-Trichlorobenzene	45.3		"	50.0		90.6	70-130			30	
1,2,3-Trichloropropane	45.3		"	50.0		90.6	81-126			30	
1,2,4-Trichlorobenzene	48.0		"	50.0		96.0	70-130			30	
1,2,4-Trimethylbenzene	50.7		"	50.0		101	84-125			30	
1,2-Dibromo-3-chloropropane	40.7		"	50.0		81.3	40-160			30	
1,2-Dibromoethane	49.3		"	50.0		98.6	70-130			30	
1,2-Dichlorobenzene	46.0		"	50.0		92.0	70-130			30	
1,2-Dichloroethane	49.1		"	50.0		98.2	70-130			30	
1,2-Dichloropropane	55.2		"	50.0		110	70-130			30	
1,3,5-Trimethylbenzene	48.6		"	50.0		97.2	82-126			30	
1,3-Dichlorobenzene	46.1		"	50.0		92.2	70-130			30	
1,3-Dichloropropane	50.1		"	50.0		100	83-123			30	
1,4-Dichlorobenzene	46.6		"	50.0		93.3	70-130			30	
1,4-Dioxane	912		"	1050		86.8	40-160			30	
2,2-Dichloropropane	49.9		"	50.0		99.8	67-136			30	
2-Butanone	47.4		"	50.0		94.8	40-160			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40276 - EPA 5035A											
LCS (BI40276-BS1) LCS							Prepared & Analyzed: 09/04/2024				
2-Chlorotoluene	47.1		ug/L	50.0		94.2	78-127			30	
2-Hexanone	46.0		"	50.0		92.0	40-160			30	
4-Chlorotoluene	49.1		"	50.0		98.1	79-125			30	
4-Methyl-2-pentanone	44.9		"	50.0		89.9	40-160			30	
Acetone	42.1		"	50.0		84.2	40-160			30	
Acrolein	19.6		"	50.0		39.1	10-238			30	
Acrylonitrile	47.6		"	50.0		95.3	66-141			30	
Benzene	51.3		"	50.0		103	70-130			30	
Bromobenzene	46.3		"	50.0		92.7	77-129			30	
Bromochloromethane	50.4		"	50.0		101	70-130			30	
Bromodichloromethane	51.6		"	50.0		103	70-130			30	
Bromoform	47.7		"	50.0		95.4	70-130			30	
Bromomethane	42.2		"	50.0		84.3	40-160			30	
Carbon disulfide	53.4		"	50.0		107	40-160			30	
Carbon tetrachloride	50.8		"	50.0		102	70-130			30	
Chlorobenzene	48.9		"	50.0		97.8	70-130			30	
Chloroethane	45.6		"	50.0		91.2	51-142			30	
Chloroform	49.8		"	50.0		99.6	70-130			30	
Chloromethane	45.0		"	50.0		90.0	49-132			30	
cis-1,2-Dichloroethylene	46.5		"	50.0		93.0	70-130			30	
cis-1,3-Dichloropropylene	50.9		"	50.0		102	70-130			30	
Cyclohexane	50.8		"	50.0		102	70-130			30	
Dibromochloromethane	49.5		"	50.0		99.1	70-130			30	
Dibromomethane	46.6		"	50.0		93.3	83-124			30	
Dichlorodifluoromethane	42.8		"	50.0		85.5	40-160			30	
Ethyl Benzene	51.0		"	50.0		102	70-130			30	
Hexachlorobutadiene	48.1		"	50.0		96.1	83-133			30	
Isopropylbenzene	48.2		"	50.0		96.4	70-130			30	
Methyl acetate	42.8		"	50.0		85.6	70-130			30	
Methyl tert-butyl ether (MTBE)	49.3		"	50.0		98.5	70-130			30	
Methylcyclohexane	48.4		"	50.0		96.7	70-130			30	
Methylene chloride	50.3		"	50.0		101	70-130			30	
n-Butylbenzene	47.3		"	50.0		94.6	80-130			30	
n-Propylbenzene	48.0		"	50.0		95.9	74-136			30	
o-Xylene	49.4		"	50.0		98.7	70-130			30	
p- & m- Xylenes	100		"	100		100	70-130			30	
p-Isopropyltoluene	49.0		"	50.0		98.0	85-125			30	
sec-Butylbenzene	46.9		"	50.0		93.8	83-125			30	
Styrene	52.7		"	50.0		105	70-130			30	
tert-Butyl alcohol (TBA)	193		"	250		77.1	70-130			30	
tert-Butylbenzene	46.2		"	50.0		92.3	80-127			30	
Tetrachloroethylene	44.9		"	50.0		89.8	70-130			30	
Toluene	49.1		"	50.0		98.2	70-130			30	
trans-1,2-Dichloroethylene	49.2		"	50.0		98.4	70-130			30	
trans-1,3-Dichloropropylene	50.5		"	50.0		101	70-130			30	
Trichloroethylene	50.1		"	50.0		100	70-130			30	
Trichlorofluoromethane	44.5		"	50.0		89.0	40-160			30	
Vinyl Chloride	46.1		"	50.0		92.3	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.7*		*"*	*50.0*		*93.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40276 - EPA 5035A											
LCS (BI40276-BS1) LCS								Prepared & Analyzed: 09/04/2024			
LCS Dup (BI40276-BSD1) LCS Dup								Prepared & Analyzed: 09/04/2024			
1,1,1,2-Tetrachloroethane	53.3		ug/L	50.0		107	75-129		2.51	30	
1,1,1-Trichloroethane	51.5		"	50.0		103	70-130		7.95	30	
1,1,2,2-Tetrachloroethane	53.0		"	50.0		106	70-130		13.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.3		"	50.0		109	70-130		8.02	30	
1,1,2-Trichloroethane	54.9		"	50.0		110	70-130		7.89	30	
1,1-Dichloroethane	52.4		"	50.0		105	70-130		8.59	30	
1,1-Dichloroethylene	56.9		"	50.0		114	70-130		9.49	30	
1,1-Dichloropropylene	52.0		"	50.0		104	77-127		1.30	30	
1,2,3-Trichlorobenzene	52.3		"	50.0		105	70-130		14.3	30	
1,2,3-Trichloropropane	50.2		"	50.0		100	81-126		10.2	30	
1,2,4-Trichlorobenzene	52.8		"	50.0		106	70-130		9.49	30	
1,2,4-Trimethylbenzene	53.9		"	50.0		108	84-125		6.10	30	
1,2-Dibromo-3-chloropropane	47.8		"	50.0		95.5	40-160		16.1	30	
1,2-Dibromoethane	53.2		"	50.0		106	70-130		7.61	30	
1,2-Dichlorobenzene	50.0		"	50.0		100	70-130		8.32	30	
1,2-Dichloroethane	52.1		"	50.0		104	70-130		5.85	30	
1,2-Dichloropropane	56.0		"	50.0		112	70-130		1.49	30	
1,3,5-Trimethylbenzene	51.0		"	50.0		102	82-126		4.90	30	
1,3-Dichlorobenzene	50.4		"	50.0		101	70-130		9.05	30	
1,3-Dichloropropane	53.4		"	50.0		107	83-123		6.42	30	
1,4-Dichlorobenzene	51.1		"	50.0		102	70-130		9.23	30	
1,4-Dioxane	1070		"	1050		102	40-160		15.8	30	
2,2-Dichloropropane	53.5		"	50.0		107	67-136		6.96	30	
2-Butanone	63.0		"	50.0		126	40-160		28.3	30	
2-Chlorotoluene	51.1		"	50.0		102	78-127		8.11	30	
2-Hexanone	51.7		"	50.0		103	40-160		11.6	30	
4-Chlorotoluene	47.9		"	50.0		95.8	79-125		2.41	30	
4-Methyl-2-pentanone	49.4		"	50.0		98.7	40-160		9.37	30	
Acetone	48.5		"	50.0		96.9	40-160		14.1	30	
Acrolein	12.9		"	50.0		25.8	10-238		41.0	30	Non-dir.
Acrylonitrile	51.3		"	50.0		103	66-141		7.36	30	
Benzene	53.6		"	50.0		107	70-130		4.50	30	
Bromobenzene	50.6		"	50.0		101	77-129		8.81	30	
Bromochloromethane	53.5		"	50.0		107	70-130		5.99	30	
Bromodichloromethane	54.0		"	50.0		108	70-130		4.52	30	
Bromoform	53.9		"	50.0		108	70-130		12.3	30	
Bromomethane	46.9		"	50.0		93.8	40-160		10.6	30	
Carbon disulfide	56.3		"	50.0		113	40-160		5.23	30	
Carbon tetrachloride	54.8		"	50.0		110	70-130		7.43	30	
Chlorobenzene	50.5		"	50.0		101	70-130		3.22	30	
Chloroethane	49.5		"	50.0		99.1	51-142		8.28	30	
Chloroform	52.6		"	50.0		105	70-130		5.58	30	
Chloromethane	46.5		"	50.0		93.0	49-132		3.26	30	
cis-1,2-Dichloroethylene	48.7		"	50.0		97.4	70-130		4.64	30	
cis-1,3-Dichloropropylene	55.0		"	50.0		110	70-130		7.57	30	
Cyclohexane	53.4		"	50.0		107	70-130		5.10	30	
Dibromochloromethane	51.5		"	50.0		103	70-130		3.96	30	
Dibromomethane	49.5		"	50.0		99.0	83-124		5.95	30	
Dichlorodifluoromethane	43.7		"	50.0		87.5	40-160		2.29	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40276 - EPA 5035A											
LCS Dup (BI40276-BSD1) LCS Dup							Prepared & Analyzed: 09/04/2024				
Ethyl Benzene	52.8		ug/L	50.0		106	70-130		3.54	30	
Hexachlorobutadiene	53.8		"	50.0		108	83-133		11.2	30	
Isopropylbenzene	51.2		"	50.0		102	70-130		6.18	30	
Methyl acetate	50.5		"	50.0		101	70-130		16.5	30	
Methyl tert-butyl ether (MTBE)	55.1		"	50.0		110	70-130		11.1	30	
Methylcyclohexane	51.1		"	50.0		102	70-130		5.55	30	
Methylene chloride	52.0		"	50.0		104	70-130		3.36	30	
n-Butylbenzene	51.3		"	50.0		103	80-130		8.10	30	
n-Propylbenzene	51.3		"	50.0		103	74-136		6.67	30	
o-Xylene	51.5		"	50.0		103	70-130		4.24	30	
p- & m- Xylenes	104		"	100		104	70-130		3.62	30	
p-Isopropyltoluene	52.1		"	50.0		104	85-125		6.15	30	
sec-Butylbenzene	51.4		"	50.0		103	83-125		9.16	30	
Styrene	52.3		"	50.0		105	70-130		0.724	30	
tert-Butyl alcohol (TBA)	229		"	250		91.5	70-130		17.0	30	
tert-Butylbenzene	49.4		"	50.0		98.8	80-127		6.82	30	
Tetrachloroethylene	47.0		"	50.0		93.9	70-130		4.51	30	
Toluene	50.6		"	50.0		101	70-130		2.89	30	
trans-1,2-Dichloroethylene	51.9		"	50.0		104	70-130		5.28	30	
trans-1,3-Dichloropropylene	49.7		"	50.0		99.4	70-130		1.56	30	
Trichloroethylene	51.9		"	50.0		104	70-130		3.41	30	
Trichlorofluoromethane	48.2		"	50.0		96.4	40-160		8.05	30	
Vinyl Chloride	48.9		"	50.0		97.7	70-130		5.73	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.6*		*"*	*50.0*		*95.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.4*		*"*	*50.0*		*94.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.1*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI40161 - EPA 3550C

Blank (BI40161-BLK1) Blank — Prepared: 09/04/2024 Analyzed: 09/05/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40161 - EPA 3550C											
Blank (BI40161-BLK1) Blank									Prepared: 09/04/2024 Analyzed: 09/05/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.971*		"	*1.66*		*58.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.812*		"	*1.66*		*48.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.609*		"	*0.831*		*73.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.487*		"	*0.831*		*58.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.999*		"	*1.66*		*60.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.577*		"	*0.831*		*69.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40161 - EPA 3550C											
LCS (BI40161-BS1) LCS									Prepared: 09/04/2024 Analyzed: 09/05/2024		
1,1-Biphenyl	0.634	0.0416	mg/kg wet	0.831		76.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.643	0.0830	"	0.831		77.4	21-131				
1,2,4-Trichlorobenzene	0.654	0.0416	"	0.831		78.7	10-140				
1,2-Dichlorobenzene	0.585	0.0416	"	0.831		70.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.667	0.0416	"	0.831		80.3	17-137				
1,3-Dichlorobenzene	0.595	0.0416	"	0.831		71.6	33-110				
1,4-Dichlorobenzene	0.608	0.0416	"	0.831		73.2	32-104				
2,3,4,6-Tetrachlorophenol	0.838	0.0830	"	0.831		101	30-130				
2,4,5-Trichlorophenol	0.655	0.0416	"	0.831		78.8	27-118				
2,4,6-Trichlorophenol	0.712	0.0416	"	0.831		85.8	31-120				
2,4-Dichlorophenol	0.680	0.0416	"	0.831		81.9	20-127				
2,4-Dimethylphenol	0.622	0.0416	"	0.831		74.8	14-132				
2,4-Dinitrophenol	0.781	0.0830	"	0.831		94.0	10-171				
2,4-Dinitrotoluene	0.816	0.0416	"	0.831		98.3	34-131				
2,6-Dinitrotoluene	0.819	0.0416	"	0.831		98.6	31-128				
2-Chloronaphthalene	0.638	0.0416	"	0.831		76.8	31-117				
2-Chlorophenol	0.628	0.0416	"	0.831		75.6	33-113				
2-Methylnaphthalene	0.617	0.0416	"	0.831		74.3	12-138				
2-Methylphenol	0.573	0.0416	"	0.831		69.0	10-136				
2-Nitroaniline	0.778	0.0830	"	0.831		93.6	27-132				
2-Nitrophenol	0.738	0.0416	"	0.831		88.9	17-129				
3- & 4-Methylphenols	0.505	0.0416	"	0.831		60.8	29-103				
3,3-Dichlorobenzidine	0.534	0.0416	"	0.831		64.2	22-149				
3-Nitroaniline	0.635	0.0830	"	0.831		76.5	20-133				
4,6-Dinitro-2-methylphenol	0.783	0.0830	"	0.831		94.2	10-143				
4-Bromophenyl phenyl ether	0.657	0.0416	"	0.831		79.2	29-120				
4-Chloro-3-methylphenol	0.696	0.0416	"	0.831		83.8	24-129				
4-Chloroaniline	0.447	0.0416	"	0.831		53.8	10-132				
4-Chlorophenyl phenyl ether	0.627	0.0416	"	0.831		75.5	27-124				
4-Nitroaniline	0.614	0.0830	"	0.831		74.0	16-128				
4-Nitrophenol	0.578	0.0830	"	0.831		69.6	10-141				
Acenaphthene	0.607	0.0416	"	0.831		73.1	30-121				
Acenaphthylene	0.621	0.0416	"	0.831		74.7	30-115				
Acetophenone	0.598	0.0416	"	0.831		72.0	20-112				
Aniline	0.384	0.166	"	0.831		46.3	10-119				
Anthracene	0.672	0.0416	"	0.831		81.0	34-118				
Atrazine	0.786	0.0416	"	0.831		94.7	26-112				
Benzaldehyde	0.422	0.0416	"	0.831		50.8	21-100				
Benzo(a)anthracene	0.667	0.0416	"	0.831		80.4	32-122				
Benzo(a)pyrene	0.570	0.0416	"	0.831		68.6	29-133				
Benzo(b)fluoranthene	0.614	0.0416	"	0.831		73.9	25-133				
Benzo(g,h,i)perylene	0.611	0.0416	"	0.831		73.6	10-143				
Benzo(k)fluoranthene	0.586	0.0416	"	0.831		70.6	25-128				
Benzoic acid	0.454	0.0416	"	0.831		54.7	10-140				
Benzyl alcohol	0.568	0.0416	"	0.831		68.4	30-115				
Benzyl butyl phthalate	0.849	0.0416	"	0.831		102	26-126				
Bis(2-chloroethoxy)methane	0.586	0.0416	"	0.831		70.6	19-132				
Bis(2-chloroethyl)ether	0.566	0.0416	"	0.831		68.2	19-125				
Bis(2-chloroisopropyl)ether	0.527	0.0416	"	0.831		63.5	20-135				
Bis(2-ethylhexyl)phthalate	0.850	0.0416	"	0.831		102	10-155				
Caprolactam	0.663	0.0830	"	0.831		79.8	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40161 - EPA 3550C											
LCS (BI40161-BS1) LCS							Prepared: 09/04/2024 Analyzed: 09/05/2024				
Carbazole	0.609	0.0416	mg/kg wet	0.831		73.3	35-123				
Chrysene	0.618	0.0416	"	0.831		74.4	32-123				
Dibenzo(a,h)anthracene	0.592	0.0416	"	0.831		71.3	10-136				
Dibenzofuran	0.628	0.0416	"	0.831		75.6	29-121				
Diethyl phthalate	0.673	0.0416	"	0.831		81.0	34-116				
Dimethyl phthalate	0.647	0.0416	"	0.831		77.8	35-124				
Di-n-butyl phthalate	0.721	0.0416	"	0.831		86.8	31-116				
Di-n-octyl phthalate	0.904	0.0416	"	0.831		109	26-136				
Fluoranthene	0.651	0.0416	"	0.831		78.4	33-122				
Fluorene	0.630	0.0416	"	0.831		75.8	29-123				
Hexachlorobenzene	0.773	0.0416	"	0.831		93.1	21-124				
Hexachlorobutadiene	0.644	0.0416	"	0.831		77.5	10-149				
Hexachlorocyclopentadiene	0.157	0.0416	"	0.831		18.9	10-129				
Hexachloroethane	0.646	0.0416	"	0.831		77.7	28-108				
Indeno(1,2,3-cd)pyrene	0.735	0.0416	"	0.831		88.4	10-135				
Isophorone	0.648	0.0416	"	0.831		78.0	20-132				
Naphthalene	0.629	0.0416	"	0.831		75.7	23-124				
Nitrobenzene	0.735	0.0416	"	0.831		88.5	13-132				
N-Nitrosodimethylamine	0.554	0.0416	"	0.831		66.8	11-129				
N-nitroso-di-n-propylamine	0.577	0.0416	"	0.831		69.4	24-119				
N-Nitrosodiphenylamine	0.653	0.0416	"	0.831		78.6	22-152				
Pentachlorophenol	0.499	0.0416	"	0.831		60.0	10-139				
Phenanthrene	0.675	0.0416	"	0.831		81.3	33-123				
Phenol	0.629	0.0416	"	0.831		75.7	23-115				
Pyrene	0.763	0.0416	"	0.831		91.9	24-130				
Pyridine	0.487	0.166	"	0.831		58.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.27*		"	*1.66*		*76.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.17*		"	*1.66*		*70.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.794*		"	*0.831*		*95.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.665*		"	*0.831*		*80.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.31*		"	*1.66*		*79.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.793*		"	*0.831*		*95.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40318 - EPA 3550C											
Blank (BI40318-BLK1) Blank									Prepared: 09/06/2024 Analyzed: 09/09/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*422*		*"*	*495*		*85.3*	*39-127.5*				
LCS (BI40318-BS1) LCS									Prepared: 09/06/2024 Analyzed: 09/09/2024		
1,4-Dioxane	510	19.8	ug/kg	495		103	40-130				
Surrogate: 1,4-Dioxane-d8	*372*		*"*	*495*		*75.2*	*39-127.5*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40236 - EPA 1633 Prep											
Blank (BI40236-BLK1) Blank									Prepared: 09/05/2024 Analyzed: 09/06/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.44*		"	*2.32*		*106*	*25-150*				
Surrogate: M5PFHxA	*2.76*		"	*2.49*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.69*		"	*2.49*		*108*	*25-150*				
Surrogate: M3PFHxS	*2.38*		"	*2.36*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.82*		"	*2.49*		*114*	*25-150*				
Surrogate: M6PFDA	*1.50*		"	*1.24*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.27*		"	*1.24*		*102*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.12*		"	*1.24*		*90.0*	*25-150*				
Surrogate: M2PFTeDA	*0.988*		"	*1.24*		*79.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40236 - EPA 1633 Prep											
Blank (BI40236-BLK1) Blank									Prepared: 09/05/2024 Analyzed: 09/06/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.5*		*ug/kg wet*	*9.94*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.61*		*"*	*2.38*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.11*		*"*	*4.97*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.56*		*"*	*2.49*		*103*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.68*		*"*	*4.97*		*94.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.94*		*"*	*4.97*		*99.3*	*25-150*				
Surrogate: M2-6:2 FTS	*7.41*		*"*	*4.73*		*157*	*25-200*				
Surrogate: M2-8:2 FTS	*4.43*		*"*	*4.77*		*92.9*	*25-200*				
Surrogate: M9PFNA	*1.39*		*"*	*1.24*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*8.88*		*"*	*4.66*		*190*	*25-150*				
Surrogate: d-N-MeFOSA	*2.43*		*"*	*2.49*		*97.8*	*25-150*				
Surrogate: d-N-EtFOSA	*2.32*		*"*	*2.49*		*93.5*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		*"*	*9.94*		*123*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.2*		*"*	*24.9*		*57.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.8*		*"*	*24.9*		*55.4*	*25-150*				
LCS (BI40236-BS1) LCS									Prepared: 09/05/2024 Analyzed: 09/06/2024		
Perfluorobutanesulfonic acid (PFBS)	3.60	0.174	ug/kg wet	3.48		103	50-150				
Perfluorohexanoic acid (PFHxA)	3.82	0.197	"	3.94		97.1	50-150				
Perfluoroheptanoic acid (PFHpA)	4.20	0.197	"	3.94		107	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.29	0.180	"	3.60		91.3	50-150				
Perfluorooctanoic acid (PFOA)	4.10	0.197	"	3.94		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.53	0.183	"	3.66		96.5	50-150				
Perfluorononanoic acid (PFNA)	3.54	0.197	"	3.94		89.9	50-150				
Perfluorodecanoic acid (PFDA)	4.00	0.197	"	3.94		102	50-150				
Perfluoroundecanoic acid (PFUnA)	2.95	0.197	"	3.94		74.9	50-150				
Perfluorododecanoic acid (PFDoA)	4.03	0.197	"	3.94		102	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.02	0.197	"	3.94		128	50-150				
Perfluorotetradecanoic acid (PFTA)	4.04	0.197	"	3.94		103	50-150				
N-MeFOSAA	3.87	0.197	"	3.94		98.3	50-150				
N-EtFOSAA	4.63	0.197	"	3.94		118	50-150				
Perfluoropentanoic acid (PFPeA)	7.87	0.394	"	7.87		99.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.67	0.197	"	3.94		93.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.91	0.197	"	3.76		104	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.69	0.190	"	3.80		70.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.0	0.748	"	15.0		93.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.9	0.756	"	15.1		98.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	16.1	0.787	"	15.7		102	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.84	0.350	"	7.01		112	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.37	0.394	"	7.87		106	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.63	0.394	"	7.87		96.8	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.08	0.394	"	7.87		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.34	0.185	"	3.70		90.3	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.5	0.738	"	14.8		97.9	50-150				
HFPO-DA (Gen-X)	8.09	0.787	"	7.87		103	50-150				
11CL-PF3OUdS	4.07	0.744	"	7.44		54.7	50-150				
9CL-PF3ONS	6.67	0.736	"	7.36		90.6	50-150				
ADONA	6.96	0.744	"	7.44		93.6	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40236 - EPA 1633 Prep											
LCS (BI40236-BS1) LCS								Prepared: 09/05/2024 Analyzed: 09/06/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.63	0.191	ug/kg wet	3.82		42.6	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.25	0.189	"	3.78		86.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	22.1	0.984	"	15.7		140	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	103	4.92	"	78.7		131	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	98.1	4.92	"	78.7		125	50-150				
N-MeFOSE	42.6	1.97	"	39.4		108	50-150				
N-MeFOSA	3.94	0.197	"	3.94		100	50-150				
N-EtFOSE	39.8	1.97	"	39.4		101	50-150				
N-EtFOSA	4.82	0.197	"	3.94		123	50-150				
Surrogate: M3PFBS	*2.18*		"	*2.29*		*94.9*	*25-150*				
Surrogate: M5PFHxA	*2.73*		"	*2.46*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.66*		"	*2.46*		*108*	*25-150*				
Surrogate: M3PFHxS	*2.35*		"	*2.33*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.05*		"	*2.46*		*124*	*25-150*				
Surrogate: M6PFDA	*1.34*		"	*1.23*		*109*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.23*		*95.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.857*		"	*1.23*		*69.7*	*25-150*				
Surrogate: M2PFTeDA	*0.580*		"	*1.23*		*47.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.1*		"	*9.84*		*113*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.62*		"	*2.36*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.28*		"	*4.92*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.71*		"	*2.46*		*110*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.85*		"	*4.92*		*98.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.15*		"	*4.92*		*84.3*	*25-150*				
Surrogate: M2-6:2 FTS	*7.18*		"	*4.68*		*153*	*25-200*				
Surrogate: M2-8:2 FTS	*4.63*		"	*4.72*		*98.0*	*25-200*				
Surrogate: M9PFNA	*1.43*		"	*1.23*		*116*	*25-150*				
Surrogate: M2-4:2 FTS	*8.84*		"	*4.62*		*191*	*25-150*				
Surrogate: d-N-MeFOSA	*2.57*		"	*2.46*		*105*	*25-150*				
Surrogate: d-N-EtFOSA	*1.92*		"	*2.46*		*78.0*	*25-150*				
Surrogate: M3HFPO-DA	*12.5*		"	*9.84*		*128*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.8*		"	*24.6*		*44.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*11.7*		"	*24.6*		*47.4*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40236 - EPA 1633 Prep											
LCS (BI40236-BS2) LCS								Prepared: 09/05/2024 Analyzed: 09/06/2024			
Perfluorobutanesulfonic acid (PFBS)	0.698	0.176	ug/kg wet	0.704		99.1	50-150				
Perfluorohexanoic acid (PFHxA)	0.704	0.199	"	0.795		88.5	50-150				
Perfluoroheptanoic acid (PFHpA)	0.809	0.199	"	0.795		102	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.679	0.182	"	0.728		93.4	50-150				
Perfluorooctanoic acid (PFOA)	0.702	0.199	"	0.795		88.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.713	0.185	"	0.740		96.4	50-150				
Perfluorononanoic acid (PFNA)	0.686	0.199	"	0.795		86.3	50-150				
Perfluorodecanoic acid (PFDA)	0.697	0.199	"	0.795		87.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.746	0.199	"	0.795		93.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.791	0.199	"	0.795		99.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.766	0.199	"	0.795		96.4	50-150				
Perfluorotetradecanoic acid (PFTA)	0.715	0.199	"	0.795		89.9	50-150				
N-MeFOSAA	0.727	0.199	"	0.795		91.5	50-150				
N-EtFOSAA	0.774	0.199	"	0.795		97.3	50-150				
Perfluoropentanoic acid (PFPeA)	1.53	0.398	"	1.59		96.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.782	0.199	"	0.795		98.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.775	0.199	"	0.759		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.548	0.192	"	0.767		71.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.05	0.755	"	3.02		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.26	0.763	"	3.05		107	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.06	0.795	"	3.18		96.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.39	0.354	"	1.42		98.1	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.43	0.398	"	1.59		89.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.21	0.398	"	1.59		75.9	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.65	0.398	"	1.59		104	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.612	0.187	"	0.748		81.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.96	0.746	"	2.98		99.3	50-150				
HFPO-DA (Gen-X)	1.37	0.795	"	1.59		86.1	50-150				
11CL-PF3OUdS	0.969	0.751	"	1.50		64.5	50-150				
9CL-PF3ONS	1.44	0.744	"	1.49		96.9	50-150				
ADONA	1.45	0.751	"	1.50		96.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.349	0.193	"	0.771		45.3	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.853	0.191	"	0.763		112	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.92	0.994	"	3.18		123	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	18.9	4.97	"	15.9		119	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	18.1	4.97	"	15.9		114	50-150				
N-MeFOSE	8.34	1.99	"	7.95		105	50-150				
N-MeFOSA	0.882	0.199	"	0.795		111	50-150				
N-EtFOSE	8.14	1.99	"	7.95		102	50-150				
N-EtFOSA	0.562	0.199	"	0.795		70.7	50-150				
Surrogate: M3PFBS	*2.71*		"	*2.32*		*117*	*25-150*				
Surrogate: M5PFHxA	*2.97*		"	*2.49*		*119*	*25-150*				
Surrogate: M4PFHpA	*2.79*		"	*2.49*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.74*		"	*2.36*		*116*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.19*		"	*2.49*		*128*	*25-150*				
Surrogate: M6PFDA	*1.50*		"	*1.24*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.25*		"	*1.24*		*100*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.971*		"	*1.24*		*78.1*	*25-150*				
Surrogate: M2PFTeDA	*0.780*		"	*1.24*		*62.8*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40236 - EPA 1633 Prep											
LCS (BI40236-BS2) LCS								Prepared: 09/05/2024 Analyzed: 09/06/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*7.95*		*ug/kg wet*	*9.94*		*80.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.58*		*"*	*2.38*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.44*		*"*	*4.97*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.66*		*"*	*2.49*		*107*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.85*		*"*	*4.97*		*97.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.14*		*"*	*4.97*		*103*	*25-150*				
Surrogate: M2-6:2 FTS	*7.61*		*"*	*4.73*		*161*	*25-200*				
Surrogate: M2-8:2 FTS	*4.73*		*"*	*4.77*		*99.1*	*25-200*				
Surrogate: M9PFNA	*1.35*		*"*	*1.24*		*109*	*25-150*				
Surrogate: M2-4:2 FTS	*8.80*		*"*	*4.66*		*189*	*25-150*				
Surrogate: d-N-MeFOSA	*2.70*		*"*	*2.49*		*109*	*25-150*				
Surrogate: d-N-EtFOSA	*2.76*		*"*	*2.49*		*111*	*25-150*				
Surrogate: M3HFPO-DA	*12.5*		*"*	*9.94*		*125*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.6*		*"*	*24.9*		*62.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.0*		*"*	*24.9*		*68.4*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40160 - EPA 3550C											
Blank (BI40160-BLK1) Blank									Prepared: 09/04/2024 Analyzed: 09/05/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0449*		*"*	*0.0664*		*67.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0550*		*"*	*0.0664*		*82.8*	*30-150*				
LCS (BI40160-BS1) LCS									Prepared: 09/04/2024 Analyzed: 09/05/2024		
4,4'-DDD	0.0289	0.00164	mg/kg wet	0.0332		86.9	40-140				
4,4'-DDE	0.0290	0.00164	"	0.0332		87.2	40-140				
4,4'-DDT	0.0306	0.00164	"	0.0332		92.1	40-140				
Aldrin	0.0282	0.00164	"	0.0332		84.9	40-140				
alpha-BHC	0.0290	0.00164	"	0.0332		87.2	40-140				
alpha-Chlordane	0.0293	0.00164	"	0.0332		88.1	40-140				
beta-BHC	0.0333	0.00164	"	0.0332		100	40-140				
delta-BHC	0.0299	0.00164	"	0.0332		89.9	40-140				
Dieldrin	0.0292	0.00164	"	0.0332		87.8	40-140				
Endosulfan I	0.0302	0.00164	"	0.0332		91.0	40-140				
Endosulfan II	0.0322	0.00164	"	0.0332		96.8	40-140				
Endosulfan sulfate	0.0300	0.00164	"	0.0332		90.2	40-140				
Endrin	0.0308	0.00164	"	0.0332		92.7	40-140				
Endrin aldehyde	0.0330	0.00164	"	0.0332		99.5	40-140				
Endrin ketone	0.0311	0.00164	"	0.0332		93.6	40-140				
gamma-BHC (Lindane)	0.0290	0.00164	"	0.0332		87.2	40-140				
gamma-Chlordane	0.0297	0.00164	"	0.0332		89.4	40-140				
Heptachlor	0.0289	0.00164	"	0.0332		87.1	40-140				
Heptachlor epoxide	0.0303	0.00164	"	0.0332		91.3	40-140				
Methoxychlor	0.0326	0.00164	"	0.0332		98.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0510*		*"*	*0.0664*		*76.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0609*		*"*	*0.0664*		*91.7*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40160 - EPA 3550C											
Blank (BI40160-BLK2) Blank									Prepared: 09/04/2024 Analyzed: 09/05/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0532*		*"*	*0.0664*		*80.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0362*		*"*	*0.0664*		*54.5*	*30-120*				
LCS (BI40160-BS2) LCS									Prepared: 09/04/2024 Analyzed: 09/05/2024		
Aroclor 1016	0.302	0.0166	mg/kg wet	0.332		90.9	40-130				
Aroclor 1260	0.303	0.0166	"	0.332		91.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0495*		*"*	*0.0664*		*74.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0332*		*"*	*0.0664*		*50.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40220 - EPA 3550C/8151A											
Blank (BI40220-BLK1) Blank								Prepared & Analyzed: 09/05/2024			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.377*		*"*	*0.417*		*90.4*	*21-150*				
LCS (BI40220-BS1) LCS								Prepared & Analyzed: 09/05/2024			
2,4,5-T	0.0725	0.0200	mg/kg wet	0.0667		109	10-120				
2,4,5-TP (Silvex)	0.0750	0.0200	"	0.0667		112	10-120				
2,4-D	0.0750	0.0200	"	0.0667		112	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.406*		*"*	*0.417*		*97.4*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40251 - EPA 3050B											
Blank (BI40251-BLK1) Blank									Prepared: 09/05/2024 Analyzed: 09/06/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BI40251-SRM1) Reference									Prepared: 09/05/2024 Analyzed: 09/06/2024		
Aluminum	7690	4.17	mg/kg wet	7680		100	35.7-119				
Antimony	69.9	2.08	"	244		28.7	0-99.5				
Arsenic	250	1.25	"	283		88.4	69.9-101.4				
Barium	316	2.08	"	326		96.8	73.9-107.1				
Beryllium	151	0.042	"	175		86.5	75.4-107.4				
Cadmium	83.2	0.250	"	95.8		86.8	72.3-103.7				
Calcium	4990	4.17	"	5470		91.2	79.5-113.2				
Chromium	216	0.417	"	239		90.2	72.4-106.3				
Cobalt	140	0.333	"	150		93.5	76-107.3				
Copper	214	1.67	"	217		98.5	74.7-105.1				
Iron	6650	20.8	"	7360		90.3	53-127.9				
Lead	191	0.417	"	210		91.0	75.7-109.5				
Magnesium	1870	4.17	"	2080		90.1	67.3-111.1				
Manganese	273	0.417	"	290		94.1	73.4-108.3				
Nickel	308	0.830	"	329		93.7	74.5-106.7				
Potassium	2240	4.17	"	2330		96.0	60.9-111.6				
Selenium	286	2.08	"	281		102	77.6-116.7				
Silver	61.7	0.420	"	82.7		74.7	73.7-111.7				
Sodium	426	41.7	"	427		99.9	71.2-118.7				
Thallium	103	2.08	"	123		83.9	70.2-104.8				
Vanadium	169	0.830	"	192		88.2	68.8-107.8				
Zinc	230	2.08	"	260		88.5	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40255 - EPA 7473 soil											
Blank (BI40255-BLK1) Blank									Prepared: 09/05/2024 Analyzed: 09/06/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40255-SRM1) Reference									Prepared: 09/05/2024 Analyzed: 09/06/2024		
Mercury	15.399		mg/kg	18.2		84.6	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40117 - Analysis Preparation Soil											
Blank (BI40117-BLK1) Blank									Prepared & Analyzed: 09/04/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BI40117-SRM1) Reference									Prepared & Analyzed: 09/04/2024		
Cyanide, total	70.6		ug/mL	59.7		118	38.5-161.4				
Batch BI40133 - EPA SW846-3060											
Blank (BI40133-BLK1) Blank									Prepared & Analyzed: 09/04/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BI40133-SRM1) Reference									Prepared & Analyzed: 09/04/2024		
Chromium, Hexavalent	202		mg/L	227		89.0	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0063-01	PE03_15	40mL Vial with Stir Bar-Cool 4° C
24I0063-02	TB_09032024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-Jar	VOA sample was taken from a container noncompliant with SW-846 5035A due to a depletion of low-level vials. Results below 200 ug/Kg may be biased low.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 2410063

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany, NJ	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Ave

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X
- PFAS Standard 7-10 Day

Report Type (circle)

- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)

- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

- Field Filtered
- Lab Filtered

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pest5/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp.
PE03_15	09/03	1200	S	3									1	X	X	X	X	X	X	X	X	X	G/C
TB-09032024	09/03				2									X									

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

	1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	Daniel Horvath/LANGAN	09/03/24 1530		9/3/24 1530		9/3/24 1630
	2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
		9/3/24 1630 4.2C		9/3/24 19:00		9/3/24 19:00
	4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
		9/3/24 2100				9/3/24 2100 2.4 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/16/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0233

Report Date: 09/16/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0233

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 05, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24I0233-01	PE33_15	Soil	09/05/2024	09/05/2024
24I0233-02	PE34_15	Soil	09/05/2024	09/05/2024
24I0233-03	PE40_15	Soil	09/05/2024	09/05/2024
24I0233-04	PE32_15	Soil	09/05/2024	09/05/2024
24I0233-05	PE16_15	Soil	09/05/2024	09/05/2024
24I0233-06	TB_09052024	Water	09/05/2024	09/05/2024

General Notes for York Project (SDG) No.: 24I0233

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 09/16/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.017**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.070**		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, ICVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE, ICVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	09/06/2024 10:00	09/06/2024 13:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.324**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.255**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.151**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.189	0.379	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.632**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.379	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.767**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.800**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.483**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.476**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.484**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0946	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.882**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.203**	CCVE, ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**1.55**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.489**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.437**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0976**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**2.30**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**2.14**	ICVE	mg/kg dry	0.0474	0.0946	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.379	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*52.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	09/09/2024 13:20	09/10/2024 15:47	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.199	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0595	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.201	0.205	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.209	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.183	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.218	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.449	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.164	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.214	0.217	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.668	0.853	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.848	0.862	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.898	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.400	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.217	0.449	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0696	0.449	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.449	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.211	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.668	0.842	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:30	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.683	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:30	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.349	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:30	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.276	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:30	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:30	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.190	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:30	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.712	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.36	5.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.686	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.783	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:30	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*107 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*118 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*125 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*91.3 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*79.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*98.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*132 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*95.9 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*134 %*	*25-150*

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*143 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*312 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*178 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*334 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*88.4 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*37.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*35.2 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:23	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-120*

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*76.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6850**		mg/kg dry	4.74	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.32**		mg/kg dry	1.42	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**283**		mg/kg dry	2.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.342**		mg/kg dry	0.285	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**36400**		mg/kg dry	4.74	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.475	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.81**		mg/kg dry	0.379	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**52.1**		mg/kg dry	1.90	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15900**		mg/kg dry	23.7	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**160**		mg/kg dry	0.475	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**5020**		mg/kg dry	4.75	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**173**		mg/kg dry	0.475	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**15.0**		mg/kg dry	0.945	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**440**	B	mg/kg dry	4.75	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**166**		mg/kg dry	47.4	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.7**		mg/kg dry	0.945	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**127**		mg/kg dry	2.36	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.337**		mg/kg dry	0.0342	1	EPA 7473	09/10/2024 13:41	09/11/2024 15:48	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.569	1	EPA 7196A	09/09/2024 09:16	09/09/2024 18:06	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.4**		mg/kg	0.500	1	Calculation	09/11/2024 13:51	09/11/2024 15:13	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE33_15 **York Sample ID:** 24I0233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:15 am	09/05/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.569	1	EPA 9014/9010C	09/09/2024 08:09	09/09/2024 12:10	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.8**		%	0.100	1	SM 2540G	09/09/2024 07:41	09/09/2024 14:44	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.024**		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.072**		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0061	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE, ICVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:24	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.5 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0905	0.181	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0702**	J	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0454	0.0905	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	09/10/2024 08:25	09/10/2024 18:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	09/09/2024 13:20	09/10/2024 16:04	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*63.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.192	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0574	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.278**		ug/kg dry	0.186	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.201	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.433	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.216	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.644	0.823	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.817	0.831	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.866	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.385	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.433	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0671	0.433	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.433	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.203	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.644	0.812	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 14:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.658	0.866	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:47	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.337	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:47	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.266	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:47	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:47	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 14:47	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.686	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.62	5.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.661	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.754	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 14:47	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*112 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*125 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*128 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*89.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*96.9 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*119 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*96.8 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*101 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*124 %*	*25-150*

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*137 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*257 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*153 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*290 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*70.2 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*59.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*34.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*31.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	09/09/2024 08:37	09/09/2024 22:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:37	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-120*

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*95.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7100**		mg/kg dry	4.58	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.83**		mg/kg dry	1.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**37.8**		mg/kg dry	2.29	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**6100**		mg/kg dry	4.58	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.4**		mg/kg dry	0.459	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.33**		mg/kg dry	0.366	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**33.3**		mg/kg dry	1.83	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**17400**		mg/kg dry	22.9	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**52.8**		mg/kg dry	0.459	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1830**		mg/kg dry	4.59	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**141**		mg/kg dry	0.459	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**16.5**		mg/kg dry	0.913	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**348**	B	mg/kg dry	4.59	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.462	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**56.8**		mg/kg dry	45.8	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.5**		mg/kg dry	0.913	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**48.3**		mg/kg dry	2.28	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.392**		mg/kg dry	0.0330	1	EPA 7473	09/07/2024 08:15	09/07/2024 16:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.550	1	EPA 7196A	09/09/2024 09:16	09/09/2024 18:06	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.4**		mg/kg	0.500	1	Calculation	09/11/2024 13:51	09/11/2024 15:13	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE34_15 **York Sample ID:** 24I0233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 9:25 am	09/05/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.550	1	EPA 9014/9010C	09/09/2024 08:09	09/09/2024 12:10	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.9**		%	0.100	1	SM 2540G	09/09/2024 07:41	09/09/2024 14:44	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0066	0.013	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, ICVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE, ICVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C	09/06/2024 10:00	09/06/2024 14:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.221	0.441	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.221	0.441	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.110	0.220	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0552	0.110	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.221	0.441	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:16	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*86.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	09/09/2024 13:20	09/10/2024 16:22	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*63.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.147	0.235	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0704	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.140	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.238	0.243	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.229	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.222	0.247	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.251	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.254	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.263	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.217	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.166	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.137	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.197	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.258	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.145	0.532	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.194	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.206	0.266	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.254	0.256	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.791	1.01	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.00	1.02	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.145	1.06	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.185	0.473	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.256	0.532	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0824	0.532	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.128	0.532	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.209	0.250	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.791	0.997	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.808	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:03	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.413	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:03	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.327	0.994	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:03	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.231	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.225	0.258	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.165	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:03	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.842	1.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.79	6.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.99	6.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.812	2.66	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.239	0.266	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.926	2.66	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.263	0.266	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:03	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*117 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*125 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*129 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.8 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*88.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.77 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*145 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*104 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*131 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*153 %*	PFSu-H	*25-150*

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*160 %*	PFSu-H		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*377 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*213 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*383 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*93.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*74.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*46.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.5 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.217	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0219	1	EPA 8082A	09/09/2024 08:37	09/09/2024 22:51	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-120*

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0267	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:24	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0267	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:24	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0267	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:24	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*87.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6520**		mg/kg dry	5.61	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.33**		mg/kg dry	1.68	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**140**		mg/kg dry	2.80	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.112**		mg/kg dry	0.057	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.573**		mg/kg dry	0.337	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2180**		mg/kg dry	5.61	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.6**		mg/kg dry	0.562	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.78**		mg/kg dry	0.449	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**55.6**		mg/kg dry	2.25	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**19000**		mg/kg dry	28.1	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**311**		mg/kg dry	0.562	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1360**		mg/kg dry	5.62	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**207**		mg/kg dry	0.562	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**15.4**		mg/kg dry	1.12	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**409**	B	mg/kg dry	5.62	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**154**		mg/kg dry	56.1	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.2**		mg/kg dry	1.12	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**257**		mg/kg dry	2.80	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.534**		mg/kg dry	0.0404	1	EPA 7473	09/07/2024 08:15	09/07/2024 16:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.674	1	EPA 7196A	09/09/2024 09:16	09/09/2024 18:06	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.6**		mg/kg	0.500	1	Calculation	09/11/2024 13:51	09/11/2024 15:13	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE40_15 **York Sample ID:** 24I0233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:15 pm	09/05/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.674	1	EPA 9014/9010C	09/09/2024 08:09	09/09/2024 12:10	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**74.2**		%	0.100	1	SM 2540G	09/09/2024 07:41	09/09/2024 14:44	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, ICVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE, ICVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:19	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.9 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CAL-E	mg/kg dry	0.0948	0.189	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0475	0.0948	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/10/2024 08:25	09/10/2024 19:46	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*41.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*37.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*63.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	09/09/2024 13:20	09/10/2024 16:39	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*53.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.126	0.201	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0603	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.204	0.208	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.196	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.190	0.212	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.215	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.217	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.186	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.142	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.117	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.168	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.221	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.124	0.455	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.166	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.176	0.228	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.217	0.220	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.677	0.865	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.859	0.874	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.124	0.911	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.158	0.405	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.220	0.455	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0706	0.455	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.109	0.455	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.179	0.214	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.677	0.854	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.692	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:19	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.354	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:19	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.280	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:19	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.198	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:19	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.192	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.141	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:19	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.722	1.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.39	5.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.71	5.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.695	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.205	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.793	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:19	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*96.5 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*118 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*68.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*53.5 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*90.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*123 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*86.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*91.5 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*111 %*	*25-150*

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*118 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*238 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*141 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*104 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*282 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*56.7 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*47.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*29.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*27.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.188	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:05	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.5 %*	*30-120*

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:31	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:31	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:31	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*93.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4480**		mg/kg dry	4.75	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.38	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.43	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**9.36**		mg/kg dry	2.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.285	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**969**		mg/kg dry	4.75	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.2**		mg/kg dry	0.476	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.06**		mg/kg dry	0.380	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.72**		mg/kg dry	1.90	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**7640**		mg/kg dry	23.8	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.67**		mg/kg dry	0.476	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2720**		mg/kg dry	4.76	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**59.4**		mg/kg dry	0.476	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**21.7**		mg/kg dry	0.947	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**404**	B	mg/kg dry	4.76	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.479	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**70.7**		mg/kg dry	47.5	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.38	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.1**		mg/kg dry	0.947	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.1**		mg/kg dry	2.37	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0342	1	EPA 7473	09/07/2024 08:15	09/07/2024 16:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.570	1	EPA 7196A	09/09/2024 09:16	09/09/2024 18:06	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**10.2**		mg/kg	0.500	1	Calculation	09/11/2024 13:51	09/11/2024 15:13	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE32_15 **York Sample ID:** 24I0233-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:25 pm	09/05/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.570	1	EPA 9014/9010C	09/09/2024 08:09	09/09/2024 12:10	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.7**		%	0.100	1	SM 2540G	09/09/2024 07:41	09/09/2024 14:44	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, ICVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE, ICVE	mg/kg dry	0.0029	0.0058	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C	09/06/2024 10:00	09/06/2024 15:46	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.7 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.194	0.389	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.389	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.194	0.389	2	EPA 8270D	09/09/2024 13:21	09/10/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	09/09/2024 13:20	09/10/2024 16:56	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*54.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0617	0.233	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.233	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.209	0.213	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	0.233	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.220	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.223	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.146	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.226	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.181	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.693	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.880	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.225	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0722	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.466	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.693	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.708	0.932	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.362	0.881	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.287	0.871	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.203	0.881	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L, PF-LCS-L	ug/kg dry	0.197	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 15:35	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.739	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.44	5.83	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.75	5.83	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.712	2.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.210	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.812	2.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 15:35	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*128 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*113 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*148 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*151 %*	PFSu-H	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*113 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*95.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*116 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*133 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*108 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*118 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*138 %*		*25-150*

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*159 %*	PFSu-H		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*207 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*146 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*255 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*82.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*71.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*44.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*38.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B	09/09/2024 08:37	09/09/2024 23:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A	09/09/2024 08:37	09/09/2024 23:18	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.0 %*	*30-120*

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0232	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0232	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0232	1	EPA 8151A	09/06/2024 08:29	09/06/2024 20:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*95.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8070**		mg/kg dry	4.86	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.43	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.68**		mg/kg dry	1.46	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**71.5**		mg/kg dry	2.43	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.049	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.292	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2750**		mg/kg dry	4.86	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.7**		mg/kg dry	0.487	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.71**		mg/kg dry	0.389	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**15.1**		mg/kg dry	1.95	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11000**		mg/kg dry	24.3	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**42.6**		mg/kg dry	0.487	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1940**		mg/kg dry	4.87	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**69.6**		mg/kg dry	0.487	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**14.7**		mg/kg dry	0.969	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**461**	B	mg/kg dry	4.87	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.43	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.490	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**74.6**		mg/kg dry	48.6	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.43	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.5**		mg/kg dry	0.969	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**86.3**		mg/kg dry	2.42	1	EPA 6010D	09/10/2024 14:47	09/11/2024 12:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.180**		mg/kg dry	0.0350	1	EPA 7473	09/07/2024 08:15	09/07/2024 16:31	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.584	1	EPA 7196A	09/09/2024 09:16	09/09/2024 18:06	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**15.7**		mg/kg	0.500	1	Calculation	09/11/2024 13:51	09/11/2024 15:13	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE16_15 **York Sample ID:** 24I0233-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Soil	September 5, 2024 1:45 pm	09/05/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.584	1	EPA 9014/9010C	09/09/2024 08:09	09/09/2024 12:10	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.7**		%	0.100	1	SM 2540G	09/09/2024 07:41	09/09/2024 14:44	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_09052024 **York Sample ID:** 24I0233-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Water	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09052024 **York Sample ID:** 24I0233-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Water	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**2.09**		ug/L	1.34	2.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**2.70**		ug/L	0.422	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, ICVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09052024 **York Sample ID:** 24I0233-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Water	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_09052024 **York Sample ID:** 24I0233-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0233	100688801	Water	September 5, 2024 1:45 pm	09/05/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/10/2024 09:27	09/10/2024 14:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.3 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.5 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*83.7 %*	*70-130*

Analytical Batch Summary

Batch ID: BI40322 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/06/24
24I0233-02	PE34_15	09/06/24
24I0233-03	PE40_15	09/06/24
24I0233-04	PE32_15	09/06/24
24I0233-05	PE16_15	09/06/24
BI40322-BLK1	Blank	09/06/24
BI40322-BS1	LCS	09/06/24

Batch ID: BI40382 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-02	PE34_15	09/07/24
24I0233-03	PE40_15	09/07/24
24I0233-04	PE32_15	09/07/24
24I0233-05	PE16_15	09/07/24
BI40382-BLK1	Blank	09/07/24
BI40382-SRM1	Reference	09/07/24

Batch ID: BI40412 **Preparation Method:** % Solids Prep **Prepared By:** TCD

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/09/24
24I0233-02	PE34_15	09/09/24
24I0233-03	PE40_15	09/09/24
24I0233-04	PE32_15	09/09/24
24I0233-05	PE16_15	09/09/24

Batch ID: BI40417 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/09/24
24I0233-02	PE34_15	09/09/24
24I0233-03	PE40_15	09/09/24
24I0233-04	PE32_15	09/09/24
24I0233-05	PE16_15	09/09/24
BI40417-BLK1	Blank	09/09/24
BI40417-SRM1	Reference	09/09/24

Batch ID: BI40431 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/09/24
24I0233-01	PE33_15	09/09/24

24I0233-02	PE34_15	09/09/24
24I0233-02	PE34_15	09/09/24
24I0233-03	PE40_15	09/09/24
24I0233-03	PE40_15	09/09/24
24I0233-04	PE32_15	09/09/24
24I0233-04	PE32_15	09/09/24
24I0233-05	PE16_15	09/09/24
24I0233-05	PE16_15	09/09/24
BI40431-BLK1	Blank	09/09/24
BI40431-BLK2	Blank	09/09/24
BI40431-BS1	LCS	09/09/24
BI40431-BS2	LCS	09/09/24

Batch ID: BI40441 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/09/24
24I0233-02	PE34_15	09/09/24
24I0233-03	PE40_15	09/09/24
24I0233-04	PE32_15	09/09/24
24I0233-05	PE16_15	09/09/24
BI40441-BLK1	Blank	09/09/24
BI40441-SRM1	Reference	09/09/24

Batch ID: BI40456 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/09/24
24I0233-02	PE34_15	09/09/24
24I0233-03	PE40_15	09/09/24
24I0233-04	PE32_15	09/09/24
24I0233-05	PE16_15	09/09/24
BI40456-BLK1	Blank	09/09/24
BI40456-BS1	LCS	09/09/24

Batch ID: BI40457 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-05	PE16_15	09/09/24
BI40457-BLK1	Blank	09/09/24
BI40457-BS1	LCS	09/09/24

Batch ID: BI40488 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/06/24
24I0233-02	PE34_15	09/06/24
24I0233-03	PE40_15	09/06/24
24I0233-04	PE32_15	09/06/24

24I0233-05	PE16_15	09/06/24
BI40488-BLK1	Blank	09/06/24
BI40488-BS1	LCS	09/06/24
BI40488-BSD1	LCS Dup	09/06/24

Batch ID: BI40519 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/10/24
24I0233-02	PE34_15	09/10/24
24I0233-03	PE40_15	09/10/24
24I0233-04	PE32_15	09/10/24
BI40519-BLK1	Blank	09/10/24
BI40519-BS1	LCS	09/10/24

Batch ID: BI40558 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/10/24
BI40558-BLK1	Blank	09/10/24
BI40558-SRM1	Reference	09/10/24

Batch ID: BI40566 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/10/24
24I0233-02	PE34_15	09/10/24
24I0233-03	PE40_15	09/10/24
24I0233-04	PE32_15	09/10/24
24I0233-05	PE16_15	09/10/24
BI40566-BLK1	Blank	09/10/24
BI40566-SRM1	Reference	09/10/24

Batch ID: BI40660 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/11/24
24I0233-02	PE34_15	09/11/24
24I0233-03	PE40_15	09/11/24
24I0233-04	PE32_15	09/11/24
24I0233-05	PE16_15	09/11/24

Batch ID: BI40676 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-06	TB_09052024	09/10/24
BI40676-BLK1	Blank	09/10/24
BI40676-BS1	LCS	09/10/24

BI40676-BSD1	LCS Dup	09/10/24

Batch ID: BI40777 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24I0233-01	PE33_15	09/12/24
24I0233-02	PE34_15	09/12/24
24I0233-03	PE40_15	09/12/24
24I0233-04	PE32_15	09/12/24
24I0233-05	PE16_15	09/12/24
BI40777-BLK1	Blank	09/12/24
BI40777-BS1	LCS	09/12/24
BI40777-BS2	LCS	09/12/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40488 - EPA 5035A											
Blank (BI40488-BLK1) Blank									Prepared & Analyzed: 09/06/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40488 - EPA 5035A											
Blank (BI40488-BLK1) Blank								Prepared & Analyzed: 09/06/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*97.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.7*	*76-130*				
LCS (BI40488-BS1) LCS								Prepared & Analyzed: 09/06/2024			
1,1,1,2-Tetrachloroethane	50.2		ug/L	50.0		100	75-129			30	
1,1,1-Trichloroethane	47.8		"	50.0		95.7	70-130			30	
1,1,2,2-Tetrachloroethane	45.9		"	50.0		91.9	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.5		"	50.0		101	70-130			30	
1,1,2-Trichloroethane	48.3		"	50.0		96.7	70-130			30	
1,1-Dichloroethane	47.2		"	50.0		94.4	70-130			30	
1,1-Dichloroethylene	53.1		"	50.0		106	70-130			30	
1,1-Dichloropropylene	52.7		"	50.0		105	77-127			30	
1,2,3-Trichlorobenzene	46.4		"	50.0		92.8	70-130			30	
1,2,3-Trichloropropane	46.4		"	50.0		92.7	81-126			30	
1,2,4-Trichlorobenzene	48.5		"	50.0		96.9	70-130			30	
1,2,4-Trimethylbenzene	52.0		"	50.0		104	84-125			30	
1,2-Dibromo-3-chloropropane	43.2		"	50.0		86.4	40-160			30	
1,2-Dibromoethane	45.7		"	50.0		91.4	70-130			30	
1,2-Dichlorobenzene	46.0		"	50.0		92.0	70-130			30	
1,2-Dichloroethane	48.0		"	50.0		96.0	70-130			30	
1,2-Dichloropropane	52.8		"	50.0		106	70-130			30	
1,3,5-Trimethylbenzene	49.3		"	50.0		98.7	82-126			30	
1,3-Dichlorobenzene	46.7		"	50.0		93.5	70-130			30	
1,3-Dichloropropane	49.2		"	50.0		98.5	83-123			30	
1,4-Dichlorobenzene	46.1		"	50.0		92.1	70-130			30	
1,4-Dioxane	809		"	1050		77.0	40-160			30	
2,2-Dichloropropane	51.8		"	50.0		104	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40488 - EPA 5035A											
LCS (BI40488-BS1) LCS							Prepared & Analyzed: 09/06/2024				
2-Butanone	50.3		ug/L	50.0		101	40-160			30	
2-Chlorotoluene	48.2		"	50.0		96.3	78-127			30	
2-Hexanone	45.4		"	50.0		90.8	40-160			30	
4-Chlorotoluene	45.1		"	50.0		90.3	79-125			30	
4-Methyl-2-pentanone	42.3		"	50.0		84.6	40-160			30	
Acetone	42.1		"	50.0		84.3	40-160			30	
Acrolein	17.8		"	50.0		35.6	10-238			30	
Acrylonitrile	54.8		"	50.0		110	66-141			30	
Benzene	51.0		"	50.0		102	70-130			30	
Bromobenzene	46.2		"	50.0		92.4	77-129			30	
Bromochloromethane	50.1		"	50.0		100	70-130			30	
Bromodichloromethane	49.0		"	50.0		97.9	70-130			30	
Bromoform	48.6		"	50.0		97.2	70-130			30	
Bromomethane	41.4		"	50.0		82.8	40-160			30	
Carbon disulfide	53.0		"	50.0		106	40-160			30	
Carbon tetrachloride	52.4		"	50.0		105	70-130			30	
Chlorobenzene	49.3		"	50.0		98.6	70-130			30	
Chloroethane	45.6		"	50.0		91.2	51-142			30	
Chloroform	48.3		"	50.0		96.5	70-130			30	
Chloromethane	40.6		"	50.0		81.3	49-132			30	
cis-1,2-Dichloroethylene	44.9		"	50.0		89.8	70-130			30	
cis-1,3-Dichloropropylene	51.9		"	50.0		104	70-130			30	
Cyclohexane	52.0		"	50.0		104	70-130			30	
Dibromochloromethane	47.6		"	50.0		95.1	70-130			30	
Dibromomethane	46.8		"	50.0		93.6	83-124			30	
Dichlorodifluoromethane	30.5		"	50.0		61.0	40-160			30	
Ethyl Benzene	49.9		"	50.0		99.8	70-130			30	
Hexachlorobutadiene	50.4		"	50.0		101	83-133			30	
Isopropylbenzene	49.4		"	50.0		98.9	70-130			30	
Methyl acetate	44.8		"	50.0		89.6	70-130			30	
Methyl tert-butyl ether (MTBE)	47.3		"	50.0		94.6	70-130			30	
Methylcyclohexane	46.7		"	50.0		93.3	70-130			30	
Methylene chloride	49.7		"	50.0		99.4	70-130			30	
n-Butylbenzene	48.7		"	50.0		97.5	80-130			30	
n-Propylbenzene	49.2		"	50.0		98.3	74-136			30	
o-Xylene	48.6		"	50.0		97.3	70-130			30	
p- & m- Xylenes	98.6		"	100		98.6	70-130			30	
p-Isopropyltoluene	50.3		"	50.0		101	85-125			30	
sec-Butylbenzene	48.4		"	50.0		96.9	83-125			30	
Styrene	49.7		"	50.0		99.5	70-130			30	
tert-Butyl alcohol (TBA)	195		"	250		78.1	70-130			30	
tert-Butylbenzene	47.4		"	50.0		94.7	80-127			30	
Tetrachloroethylene	46.2		"	50.0		92.5	70-130			30	
Toluene	48.6		"	50.0		97.1	70-130			30	
trans-1,2-Dichloroethylene	47.9		"	50.0		95.7	70-130			30	
trans-1,3-Dichloropropylene	47.5		"	50.0		95.1	70-130			30	
Trichloroethylene	49.2		"	50.0		98.4	70-130			30	
Trichlorofluoromethane	44.2		"	50.0		88.5	40-160			30	
Vinyl Chloride	40.9		"	50.0		81.8	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*98.9*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40488 - EPA 5035A											
LCS (BI40488-BS1) LCS								Prepared & Analyzed: 09/06/2024			
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*ug/L*	*50.0*		*97.3*	*76-130*				
LCS Dup (BI40488-BSD1) LCS Dup								Prepared & Analyzed: 09/06/2024			
1,1,1,2-Tetrachloroethane	55.3		ug/L	50.0		111	75-129		9.69	30	
1,1,1-Trichloroethane	52.4		"	50.0		105	70-130		9.17	30	
1,1,2,2-Tetrachloroethane	50.9		"	50.0		102	70-130		10.2	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.7		"	50.0		101	70-130		0.455	30	
1,1,2-Trichloroethane	53.5		"	50.0		107	70-130		10.2	30	
1,1-Dichloroethane	50.8		"	50.0		102	70-130		7.27	30	
1,1-Dichloroethylene	52.9		"	50.0		106	70-130		0.377	30	
1,1-Dichloropropylene	53.2		"	50.0		106	77-127		0.887	30	
1,2,3-Trichlorobenzene	52.5		"	50.0		105	70-130		12.3	30	
1,2,3-Trichloropropane	55.2		"	50.0		110	81-126		17.3	30	
1,2,4-Trichlorobenzene	52.1		"	50.0		104	70-130		7.28	30	
1,2,4-Trimethylbenzene	53.6		"	50.0		107	84-125		2.94	30	
1,2-Dibromo-3-chloropropane	46.0		"	50.0		91.9	40-160		6.17	30	
1,2-Dibromoethane	52.2		"	50.0		104	70-130		13.2	30	
1,2-Dichlorobenzene	50.1		"	50.0		100	70-130		8.45	30	
1,2-Dichloroethane	52.7		"	50.0		105	70-130		9.41	30	
1,2-Dichloropropane	54.4		"	50.0		109	70-130		2.97	30	
1,3,5-Trimethylbenzene	51.2		"	50.0		102	82-126		3.80	30	
1,3-Dichlorobenzene	51.1		"	50.0		102	70-130		8.91	30	
1,3-Dichloropropane	51.7		"	50.0		103	83-123		4.80	30	
1,4-Dichlorobenzene	49.2		"	50.0		98.5	70-130		6.65	30	
1,4-Dioxane	999		"	1050		95.2	40-160		21.1	30	
2,2-Dichloropropane	54.2		"	50.0		108	67-136		4.53	30	
2-Butanone	49.3		"	50.0		98.6	40-160		1.95	30	
2-Chlorotoluene	51.1		"	50.0		102	78-127		5.96	30	
2-Hexanone	52.4		"	50.0		105	40-160		14.2	30	
4-Chlorotoluene	47.5		"	50.0		94.9	79-125		5.03	30	
4-Methyl-2-pentanone	49.4		"	50.0		98.7	40-160		15.5	30	
Acetone	48.3		"	50.0		96.6	40-160		13.6	30	
Acrolein	11.4		"	50.0		22.9	10-238		43.4	30	Non-dir.
Acrylonitrile	57.4		"	50.0		115	66-141		4.56	30	
Benzene	55.1		"	50.0		110	70-130		7.86	30	
Bromobenzene	49.7		"	50.0		99.4	77-129		7.30	30	
Bromochloromethane	52.1		"	50.0		104	70-130		3.99	30	
Bromodichloromethane	52.1		"	50.0		104	70-130		6.16	30	
Bromoform	52.3		"	50.0		105	70-130		7.34	30	
Bromomethane	44.7		"	50.0		89.5	40-160		7.68	30	
Carbon disulfide	54.4		"	50.0		109	40-160		2.57	30	
Carbon tetrachloride	54.3		"	50.0		109	70-130		3.62	30	
Chlorobenzene	51.1		"	50.0		102	70-130		3.62	30	
Chloroethane	45.6		"	50.0		91.3	51-142		0.0438	30	
Chloroform	54.3		"	50.0		109	70-130		11.9	30	
Chloromethane	41.5		"	50.0		83.0	49-132		2.12	30	
cis-1,2-Dichloroethylene	57.5		"	50.0		115	70-130		24.6	30	
cis-1,3-Dichloropropylene	52.3		"	50.0		105	70-130		0.767	30	
Cyclohexane	54.1		"	50.0		108	70-130		3.96	30	
Dibromochloromethane	51.4		"	50.0		103	70-130		7.78	30	
Dibromomethane	47.6		"	50.0		95.3	83-124		1.80	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40488 - EPA 5035A											
LCS Dup (BI40488-BSD1) LCS Dup							Prepared & Analyzed: 09/06/2024				
Dichlorodifluoromethane	29.7		ug/L	50.0		59.3	40-160		2.76	30	
Ethyl Benzene	53.8		"	50.0		108	70-130		7.52	30	
Hexachlorobutadiene	51.0		"	50.0		102	83-133		1.12	30	
Isopropylbenzene	51.6		"	50.0		103	70-130		4.24	30	
Methyl acetate	49.8		"	50.0		99.6	70-130		10.5	30	
Methyl tert-butyl ether (MTBE)	52.2		"	50.0		104	70-130		9.83	30	
Methylcyclohexane	51.3		"	50.0		103	70-130		9.47	30	
Methylene chloride	52.1		"	50.0		104	70-130		4.68	30	
n-Butylbenzene	51.6		"	50.0		103	80-130		5.60	30	
n-Propylbenzene	52.0		"	50.0		104	74-136		5.63	30	
o-Xylene	51.2		"	50.0		102	70-130		5.03	30	
p- & m- Xylenes	104		"	100		104	70-130		5.03	30	
p-Isopropyltoluene	52.3		"	50.0		105	85-125		3.96	30	
sec-Butylbenzene	50.8		"	50.0		102	83-125		4.80	30	
Styrene	52.7		"	50.0		105	70-130		5.84	30	
tert-Butyl alcohol (TBA)	238		"	250		95.0	70-130		19.5	30	
tert-Butylbenzene	49.8		"	50.0		99.6	80-127		5.04	30	
Tetrachloroethylene	47.5		"	50.0		94.9	70-130		2.63	30	
Toluene	50.9		"	50.0		102	70-130		4.65	30	
trans-1,2-Dichloroethylene	52.0		"	50.0		104	70-130		8.17	30	
trans-1,3-Dichloropropylene	50.8		"	50.0		102	70-130		6.61	30	
Trichloroethylene	51.1		"	50.0		102	70-130		3.73	30	
Trichlorofluoromethane	44.9		"	50.0		89.9	40-160		1.55	30	
Vinyl Chloride	43.3		"	50.0		86.6	70-130		5.73	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*"*	*50.0*		*98.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
Blank (BI40676-BLK1) Blank									Prepared & Analyzed: 09/10/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.140	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
Blank (BI40676-BLK1) Blank								Prepared & Analyzed: 09/10/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.79*		*"*	*10.0*		*97.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*8.59*		*"*	*10.0*		*85.9*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.02*		*"*	*10.0*		*90.2*	*70-130*				
LCS (BI40676-BS1) LCS								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	9.59		ug/L	10.0		95.9	82-126			30	
1,1,1-Trichloroethane	11.0		"	10.0		110	70-130			20	
1,1,2,2-Tetrachloroethane	8.45		"	10.0		84.5	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	70-130			20	
1,1,2-Trichloroethane	8.79		"	10.0		87.9	70-130			20	
1,1-Dichloroethane	11.4		"	10.0		114	70-130			20	
1,1-Dichloroethylene	12.3		"	10.0		123	70-130			20	
1,1-Dichloropropylene	12.2		"	10.0		122	83-133			30	
1,2,3-Trichlorobenzene	7.08		"	10.0		70.8	70-130			20	
1,2,3-Trichloropropane	8.08		"	10.0		80.8	77-128			30	
1,2,4-Trichlorobenzene	7.63		"	10.0		76.3	70-130			20	
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132			20	
1,2-Dibromo-3-chloropropane	6.56		"	10.0		65.6	40-160			20	
1,2-Dibromoethane	8.77		"	10.0		87.7	70-130			20	
1,2-Dichlorobenzene	8.99		"	10.0		89.9	70-130			20	
1,2-Dichloroethane	10.0		"	10.0		100	70-130			20	
1,2-Dichloropropane	10.0		"	10.0		100	70-130			20	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131			30	
1,3-Dichlorobenzene	9.43		"	10.0		94.3	70-130			20	
1,3-Dichloropropane	8.92		"	10.0		89.2	81-125			30	
1,4-Dichlorobenzene	9.07		"	10.0		90.7	70-130			20	
1,4-Dioxane	151		"	210		72.1	40-160			20	
2,2-Dichloropropane	12.0		"	10.0		120	56-150			30	
2-Butanone	6.13		"	10.0		61.3	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
LCS (BI40676-BS1) LCS								Prepared & Analyzed: 09/10/2024			
2-Chlorotoluene	10.0		ug/L	10.0		100	79-130			30	
2-Hexanone	7.07		"	10.0		70.7	40-160			20	
4-Chlorotoluene	9.99		"	10.0		99.9	79-128			30	
4-Methyl-2-pentanone	6.33		"	10.0		63.3	40-160			20	
Acetone	8.47		"	10.0		84.7	40-160			20	
Acrolein	2.41		"	10.0		24.1	10-153			30	
Acrylonitrile	9.04		"	10.0		90.4	51-150			30	
Benzene	12.2		"	10.0		122	70-130			20	
Bromobenzene	9.33		"	10.0		93.3	78-129			30	
Bromochloromethane	10.3		"	10.0		103	70-130			20	
Bromodichloromethane	8.69		"	10.0		86.9	70-130			20	
Bromoform	5.77		"	10.0		57.7	70-130	Low Bias		20	
Bromomethane	11.4		"	10.0		114	40-160			20	
Carbon disulfide	11.5		"	10.0		115	40-160			20	
Carbon tetrachloride	11.3		"	10.0		113	70-130			20	
Chlorobenzene	10.2		"	10.0		102	70-130			20	
Chloroethane	10.6		"	10.0		106	40-160			20	
Chloroform	11.0		"	10.0		110	70-130			20	
Chloromethane	12.7		"	10.0		127	40-160			20	
cis-1,2-Dichloroethylene	11.5		"	10.0		115	70-130			20	
cis-1,3-Dichloropropylene	8.88		"	10.0		88.8	70-130			20	
Cyclohexane	5.96		"	10.0		59.6	70-130	Low Bias		20	
Dibromochloromethane	8.10		"	10.0		81.0	70-130			20	
Dibromomethane	8.34		"	10.0		83.4	72-134			30	
Dichlorodifluoromethane	15.2		"	10.0		152	40-160			20	
Ethyl Benzene	11.1		"	10.0		111	70-130			20	
Hexachlorobutadiene	8.03		"	10.0		80.3	67-146			30	
Isopropylbenzene	10.8		"	10.0		108	70-130			20	
Methyl acetate	8.63		"	10.0		86.3	70-130			20	
Methyl tert-butyl ether (MTBE)	9.15		"	10.0		91.5	70-130			20	
Methylcyclohexane	10.3		"	10.0		103	70-130			20	
Methylene chloride	10.7		"	10.0		107	70-130			20	
n-Butylbenzene	9.84		"	10.0		98.4	79-132			30	
n-Propylbenzene	10.6		"	10.0		106	78-133			30	
o-Xylene	10.6		"	10.0		106	70-130			20	
p- & m- Xylenes	21.7		"	20.0		108	70-130			20	
p-Isopropyltoluene	10.5		"	10.0		105	81-136			30	
sec-Butylbenzene	10.2		"	10.0		102	79-137			30	
Styrene	11.0		"	10.0		110	70-130			20	
tert-Butyl alcohol (TBA)	22.7		"	50.0		45.5	25-162			30	
tert-Butylbenzene	9.12		"	10.0		91.2	77-138			30	
Tetrachloroethylene	10.3		"	10.0		103	70-130			20	
Toluene	10.5		"	10.0		105	70-130			20	
trans-1,2-Dichloroethylene	12.0		"	10.0		120	70-130			20	
trans-1,3-Dichloropropylene	8.26		"	10.0		82.6	70-130			20	
Trichloroethylene	10.3		"	10.0		103	70-130			20	
Trichlorofluoromethane	10.8		"	10.0		108	40-160			20	
Vinyl Chloride	12.0		"	10.0		120	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.31*		*"*	*10.0*		*83.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.14*		*"*	*10.0*		*91.4*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.52*		*"*	*10.0*		*95.2*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
LCS (BI40676-BS1) LCS								Prepared & Analyzed: 09/10/2024			
LCS Dup (BI40676-BSD1) LCS Dup								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		5.18	30	
1,1,1-Trichloroethane	11.0		"	10.0		110	70-130		0.182	20	
1,1,2,2-Tetrachloroethane	9.56		"	10.0		95.6	70-130		12.3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	70-130		1.85	20	
1,1,2-Trichloroethane	9.85		"	10.0		98.5	70-130		11.4	20	
1,1-Dichloroethane	11.4		"	10.0		114	70-130		0.351	20	
1,1-Dichloroethylene	12.0		"	10.0		120	70-130		2.22	20	
1,1-Dichloropropylene	12.1		"	10.0		121	83-133		0.578	30	
1,2,3-Trichlorobenzene	8.33		"	10.0		83.3	70-130		16.2	20	
1,2,3-Trichloropropane	9.18		"	10.0		91.8	77-128		12.7	30	
1,2,4-Trichlorobenzene	8.56		"	10.0		85.6	70-130		11.5	20	
1,2,4-Trimethylbenzene	9.73		"	10.0		97.3	82-132		2.84	20	
1,2-Dibromo-3-chloropropane	7.59		"	10.0		75.9	40-160		14.6	20	
1,2-Dibromoethane	9.70		"	10.0		97.0	70-130		10.1	20	
1,2-Dichlorobenzene	9.51		"	10.0		95.1	70-130		5.62	20	
1,2-Dichloroethane	11.3		"	10.0		113	70-130		11.7	20	
1,2-Dichloropropane	10.3		"	10.0		103	70-130		2.76	20	
1,3,5-Trimethylbenzene	9.89		"	10.0		98.9	80-131		4.64	30	
1,3-Dichlorobenzene	9.47		"	10.0		94.7	70-130		0.423	20	
1,3-Dichloropropane	9.95		"	10.0		99.5	81-125		10.9	30	
1,4-Dichlorobenzene	9.18		"	10.0		91.8	70-130		1.21	20	
1,4-Dioxane	193		"	210		92.1	40-160		24.3	20	Non-dir.
2,2-Dichloropropane	12.0		"	10.0		120	56-150		0.833	30	
2-Butanone	8.70		"	10.0		87.0	40-160		34.7	20	Non-dir.
2-Chlorotoluene	9.60		"	10.0		96.0	79-130		4.08	30	
2-Hexanone	9.06		"	10.0		90.6	40-160		24.7	20	Non-dir.
4-Chlorotoluene	9.81		"	10.0		98.1	79-128		1.82	30	
4-Methyl-2-pentanone	7.73		"	10.0		77.3	40-160		19.9	20	
Acetone	9.12		"	10.0		91.2	40-160		7.39	20	
Acrolein	2.56		"	10.0		25.6	10-153		6.04	30	
Acrylonitrile	11.3		"	10.0		113	51-150		22.0	30	
Benzene	12.5		"	10.0		125	70-130		2.58	20	
Bromobenzene	9.43		"	10.0		94.3	78-129		1.07	30	
Bromochloromethane	11.3		"	10.0		113	70-130		9.29	20	
Bromodichloromethane	9.01		"	10.0		90.1	70-130		3.62	20	
Bromoform	6.79		"	10.0		67.9	70-130	Low Bias	16.2	20	
Bromomethane	11.1		"	10.0		111	40-160		2.57	20	
Carbon disulfide	11.2		"	10.0		112	40-160		2.38	20	
Carbon tetrachloride	11.3		"	10.0		113	70-130		0.0886	20	
Chlorobenzene	10.2		"	10.0		102	70-130		0.685	20	
Chloroethane	10.3		"	10.0		103	40-160		2.68	20	
Chloroform	11.4		"	10.0		114	70-130		3.93	20	
Chloromethane	12.4		"	10.0		124	40-160		2.71	20	
cis-1,2-Dichloroethylene	11.8		"	10.0		118	70-130		3.35	20	
cis-1,3-Dichloropropylene	9.30		"	10.0		93.0	70-130		4.62	20	
Cyclohexane	5.92		"	10.0		59.2	70-130	Low Bias	0.673	20	
Dibromochloromethane	9.05		"	10.0		90.5	70-130		11.1	20	
Dibromomethane	9.45		"	10.0		94.5	72-134		12.5	30	
Dichlorodifluoromethane	14.8		"	10.0		148	40-160		2.34	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
LCS Dup (BI40676-BSD1) LCS Dup								Prepared & Analyzed: 09/10/2024			
Ethyl Benzene	10.9		ug/L	10.0		109	70-130		1.72	20	
Hexachlorobutadiene	8.38		"	10.0		83.8	67-146		4.27	30	
Isopropylbenzene	10.0		"	10.0		100	70-130		7.95	20	
Methyl acetate	10.6		"	10.0		106	70-130		20.2	20	Non-dir.
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130		21.7	20	Non-dir.
Methylcyclohexane	9.76		"	10.0		97.6	70-130		5.09	20	
Methylene chloride	11.3		"	10.0		113	70-130		5.44	20	
n-Butylbenzene	9.65		"	10.0		96.5	79-132		1.95	30	
n-Propylbenzene	9.99		"	10.0		99.9	78-133		6.11	30	
o-Xylene	10.5		"	10.0		105	70-130		0.665	20	
p- & m- Xylenes	21.4		"	20.0		107	70-130		1.11	20	
p-Isopropyltoluene	10.1		"	10.0		101	81-136		3.89	30	
sec-Butylbenzene	9.83		"	10.0		98.3	79-137		4.18	30	
Styrene	11.4		"	10.0		114	70-130		2.77	20	
tert-Butyl alcohol (TBA)	33.3		"	50.0		66.6	25-162		37.7	30	Non-dir.
tert-Butylbenzene	8.53		"	10.0		85.3	77-138		6.69	30	
Tetrachloroethylene	9.94		"	10.0		99.4	70-130		3.36	20	
Toluene	10.2		"	10.0		102	70-130		2.99	20	
trans-1,2-Dichloroethylene	11.9		"	10.0		119	70-130		0.585	20	
trans-1,3-Dichloropropylene	9.31		"	10.0		93.1	70-130		12.0	20	
Trichloroethylene	9.66		"	10.0		96.6	70-130		6.12	20	
Trichlorofluoromethane	10.5		"	10.0		105	40-160		2.82	20	
Vinyl Chloride	11.7		"	10.0		117	70-130		2.86	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.33*		*"*	*10.0*		*93.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*8.89*		*"*	*10.0*		*88.9*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.43*		*"*	*10.0*		*94.3*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40457 - EPA 3550C											
Blank (BI40457-BLK1) Blank									Prepared: 09/09/2024 Analyzed: 09/10/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40457 - EPA 3550C											
Blank (BI40457-BLK1) Blank									Prepared: 09/09/2024 Analyzed: 09/10/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.28*		"	*1.66*		*77.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.06*		"	*1.66*		*64.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.696*		"	*0.831*		*83.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.751*		"	*0.831*		*90.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.88*		"	*1.66*		*113*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.683*		"	*0.831*		*82.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40457 - EPA 3550C											
LCS (BI40457-BS1) LCS								Prepared: 09/09/2024 Analyzed: 09/10/2024			
1,1-Biphenyl	0.838	0.0416	mg/kg wet	0.831		101	18-111				
1,2,4,5-Tetrachlorobenzene	0.933	0.0830	"	0.831		112	21-131				
1,2,4-Trichlorobenzene	0.955	0.0416	"	0.831		115	10-140				
1,2-Dichlorobenzene	0.734	0.0416	"	0.831		88.3	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.662	0.0416	"	0.831		79.7	17-137				
1,3-Dichlorobenzene	0.755	0.0416	"	0.831		90.9	33-110				
1,4-Dichlorobenzene	0.755	0.0416	"	0.831		90.9	32-104				
2,3,4,6-Tetrachlorophenol	1.02	0.0830	"	0.831		123	30-130				
2,4,5-Trichlorophenol	1.02	0.0416	"	0.831		123	27-118	High Bias			
2,4,6-Trichlorophenol	0.978	0.0416	"	0.831		118	31-120				
2,4-Dichlorophenol	0.981	0.0416	"	0.831		118	20-127				
2,4-Dimethylphenol	0.747	0.0416	"	0.831		89.9	14-132				
2,4-Dinitrophenol	0.876	0.0830	"	0.831		106	10-171				
2,4-Dinitrotoluene	0.968	0.0416	"	0.831		117	34-131				
2,6-Dinitrotoluene	0.941	0.0416	"	0.831		113	31-128				
2-Chloronaphthalene	0.813	0.0416	"	0.831		97.9	31-117				
2-Chlorophenol	0.773	0.0416	"	0.831		93.1	33-113				
2-Methylnaphthalene	0.834	0.0416	"	0.831		100	12-138				
2-Methylphenol	0.686	0.0416	"	0.831		82.6	10-136				
2-Nitroaniline	0.845	0.0830	"	0.831		102	27-132				
2-Nitrophenol	0.888	0.0416	"	0.831		107	17-129				
3- & 4-Methylphenols	0.623	0.0416	"	0.831		75.0	29-103				
3,3-Dichlorobenzidine	0.738	0.0416	"	0.831		88.9	22-149				
3-Nitroaniline	0.736	0.0830	"	0.831		88.6	20-133				
4,6-Dinitro-2-methylphenol	1.19	0.0830	"	0.831		143	10-143				
4-Bromophenyl phenyl ether	0.967	0.0416	"	0.831		116	29-120				
4-Chloro-3-methylphenol	0.839	0.0416	"	0.831		101	24-129				
4-Chloroaniline	0.534	0.0416	"	0.831		64.3	10-132				
4-Chlorophenyl phenyl ether	0.939	0.0416	"	0.831		113	27-124				
4-Nitroaniline	0.770	0.0830	"	0.831		92.7	16-128				
4-Nitrophenol	0.785	0.0830	"	0.831		94.6	10-141				
Acenaphthene	0.763	0.0416	"	0.831		91.9	30-121				
Acenaphthylene	0.744	0.0416	"	0.831		89.6	30-115				
Acetophenone	0.675	0.0416	"	0.831		81.2	20-112				
Aniline	0.357	0.166	"	0.831		43.0	10-119				
Anthracene	0.850	0.0416	"	0.831		102	34-118				
Atrazine	0.937	0.0416	"	0.831		113	26-112	High Bias			
Benzaldehyde	0.377	0.0416	"	0.831		45.4	21-100				
Benzo(a)anthracene	0.858	0.0416	"	0.831		103	32-122				
Benzo(a)pyrene	1.03	0.0416	"	0.831		124	29-133				
Benzo(b)fluoranthene	0.915	0.0416	"	0.831		110	25-133				
Benzo(g,h,i)perylene	1.25	0.0416	"	0.831		150	10-143	High Bias			
Benzo(k)fluoranthene	0.918	0.0416	"	0.831		111	25-128				
Benzoic acid	0.873	0.0416	"	0.831		105	10-140				
Benzyl alcohol	0.646	0.0416	"	0.831		77.8	30-115				
Benzyl butyl phthalate	0.633	0.0416	"	0.831		76.2	26-126				
Bis(2-chloroethoxy)methane	0.698	0.0416	"	0.831		84.1	19-132				
Bis(2-chloroethyl)ether	0.603	0.0416	"	0.831		72.6	19-125				
Bis(2-chloroisopropyl)ether	0.490	0.0416	"	0.831		59.0	20-135				
Bis(2-ethylhexyl)phthalate	0.613	0.0416	"	0.831		73.8	10-155				
Caprolactam	1.02	0.0830	"	0.831		123	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40457 - EPA 3550C											
LCS (BI40457-BS1) LCS								Prepared: 09/09/2024 Analyzed: 09/10/2024			
Carbazole	0.841	0.0416	mg/kg wet	0.831		101	35-123				
Chrysene	0.845	0.0416	"	0.831		102	32-123				
Dibenzo(a,h)anthracene	1.53	0.0416	"	0.831		184	10-136	High Bias			
Dibenzofuran	0.837	0.0416	"	0.831		101	29-121				
Diethyl phthalate	0.881	0.0416	"	0.831		106	34-116				
Dimethyl phthalate	0.887	0.0416	"	0.831		107	35-124				
Di-n-butyl phthalate	0.828	0.0416	"	0.831		99.7	31-116				
Di-n-octyl phthalate	0.616	0.0416	"	0.831		74.2	26-136				
Fluoranthene	0.936	0.0416	"	0.831		113	33-122				
Fluorene	0.825	0.0416	"	0.831		99.4	29-123				
Hexachlorobenzene	0.825	0.0416	"	0.831		99.3	21-124				
Hexachlorobutadiene	1.07	0.0416	"	0.831		129	10-149				
Hexachlorocyclopentadiene	0.670	0.0416	"	0.831		80.7	10-129				
Hexachloroethane	0.743	0.0416	"	0.831		89.4	28-108				
Indeno(1,2,3-cd)pyrene	1.38	0.0416	"	0.831		166	10-135	High Bias			
Isophorone	0.701	0.0416	"	0.831		84.4	20-132				
Naphthalene	0.782	0.0416	"	0.831		94.2	23-124				
Nitrobenzene	0.746	0.0416	"	0.831		89.8	13-132				
N-Nitrosodimethylamine	0.533	0.0416	"	0.831		64.1	11-129				
N-nitroso-di-n-propylamine	0.594	0.0416	"	0.831		71.5	24-119				
N-Nitrosodiphenylamine	0.958	0.0416	"	0.831		115	22-152				
Pentachlorophenol	1.10	0.0416	"	0.831		133	10-139				
Phenanthrene	0.869	0.0416	"	0.831		105	33-123				
Phenol	0.663	0.0416	"	0.831		79.8	23-115				
Pyrene	0.743	0.0416	"	0.831		89.5	24-130				
Pyridine	0.461	0.166	"	0.831		55.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.44*		"	*1.66*		*86.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.24*		"	*1.66*		*74.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.777*		"	*0.831*		*93.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.843*		"	*0.831*		*102*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.23*		"	*1.66*		*135*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.809*		"	*0.831*		*97.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40519 - EPA 3550C											
Blank (BI40519-BLK1) Blank									Prepared & Analyzed: 09/10/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40519 - EPA 3550C											
Blank (BI40519-BLK1) Blank									Prepared & Analyzed: 09/10/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.45*		"	*1.66*		*87.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.43*		"	*1.66*		*86.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.723*		"	*0.831*		*87.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.751*		"	*0.831*		*90.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.29*		"	*1.66*		*138*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.912*		"	*0.831*		*110*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40519 - EPA 3550C											
LCS (BI40519-BS1) LCS							Prepared & Analyzed: 09/10/2024				
1,1-Biphenyl	0.554	0.0416	mg/kg wet	0.831		66.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.580	0.0830	"	0.831		69.9	21-131				
1,2,4-Trichlorobenzene	0.628	0.0416	"	0.831		75.6	10-140				
1,2-Dichlorobenzene	0.549	0.0416	"	0.831		66.1	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.554	0.0416	"	0.831		66.7	17-137				
1,3-Dichlorobenzene	0.531	0.0416	"	0.831		63.9	33-110				
1,4-Dichlorobenzene	0.513	0.0416	"	0.831		61.8	32-104				
2,3,4,6-Tetrachlorophenol	0.718	0.0830	"	0.831		86.5	30-130				
2,4,5-Trichlorophenol	0.689	0.0416	"	0.831		83.0	27-118				
2,4,6-Trichlorophenol	0.708	0.0416	"	0.831		85.2	31-120				
2,4-Dichlorophenol	0.687	0.0416	"	0.831		82.8	20-127				
2,4-Dimethylphenol	0.628	0.0416	"	0.831		75.6	14-132				
2,4-Dinitrophenol	ND	0.0830	"	0.831			10-171	Low Bias			
2,4-Dinitrotoluene	0.542	0.0416	"	0.831		65.2	34-131				
2,6-Dinitrotoluene	0.566	0.0416	"	0.831		68.2	31-128				
2-Chloronaphthalene	0.577	0.0416	"	0.831		69.4	31-117				
2-Chlorophenol	0.607	0.0416	"	0.831		73.1	33-113				
2-Methylnaphthalene	0.659	0.0416	"	0.831		79.4	12-138				
2-Methylphenol	0.581	0.0416	"	0.831		70.0	10-136				
2-Nitroaniline	0.769	0.0830	"	0.831		92.6	27-132				
2-Nitrophenol	0.519	0.0416	"	0.831		62.5	17-129				
3- & 4-Methylphenols	0.516	0.0416	"	0.831		62.2	29-103				
3,3-Dichlorobenzidine	0.660	0.0416	"	0.831		79.4	22-149				
3-Nitroaniline	0.745	0.0830	"	0.831		89.7	20-133				
4,6-Dinitro-2-methylphenol	ND	0.0830	"	0.831			10-143	Low Bias			
4-Bromophenyl phenyl ether	0.678	0.0416	"	0.831		81.6	29-120				
4-Chloro-3-methylphenol	0.722	0.0416	"	0.831		87.0	24-129				
4-Chloroaniline	0.568	0.0416	"	0.831		68.4	10-132				
4-Chlorophenyl phenyl ether	0.616	0.0416	"	0.831		74.1	27-124				
4-Nitroaniline	0.762	0.0830	"	0.831		91.8	16-128				
4-Nitrophenol	0.571	0.0830	"	0.831		68.8	10-141				
Acenaphthene	0.540	0.0416	"	0.831		65.0	30-121				
Acenaphthylene	0.499	0.0416	"	0.831		60.1	30-115				
Acetophenone	0.582	0.0416	"	0.831		70.1	20-112				
Aniline	0.367	0.166	"	0.831		44.2	10-119				
Anthracene	0.599	0.0416	"	0.831		72.2	34-118				
Atrazine	0.615	0.0416	"	0.831		74.1	26-112				
Benzaldehyde	0.307	0.0416	"	0.831		37.0	21-100				
Benzo(a)anthracene	0.650	0.0416	"	0.831		78.3	32-122				
Benzo(a)pyrene	0.493	0.0416	"	0.831		59.4	29-133				
Benzo(b)fluoranthene	0.513	0.0416	"	0.831		61.8	25-133				
Benzo(g,h,i)perylene	0.504	0.0416	"	0.831		60.7	10-143				
Benzo(k)fluoranthene	0.524	0.0416	"	0.831		63.1	25-128				
Benzoic acid	0.0688	0.0416	"	0.831		8.28	10-140	Low Bias			
Benzyl alcohol	0.530	0.0416	"	0.831		63.8	30-115				
Benzyl butyl phthalate	0.605	0.0416	"	0.831		72.8	26-126				
Bis(2-chloroethoxy)methane	0.549	0.0416	"	0.831		66.1	19-132				
Bis(2-chloroethyl)ether	0.568	0.0416	"	0.831		68.4	19-125				
Bis(2-chloroisopropyl)ether	0.406	0.0416	"	0.831		48.8	20-135				
Bis(2-ethylhexyl)phthalate	0.548	0.0416	"	0.831		65.9	10-155				
Caprolactam	0.743	0.0830	"	0.831		89.5	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40519 - EPA 3550C											
LCS (BI40519-BS1) LCS							Prepared & Analyzed: 09/10/2024				
Carbazole	0.600	0.0416	mg/kg wet	0.831		72.2	35-123				
Chrysene	0.611	0.0416	"	0.831		73.6	32-123				
Dibenzo(a,h)anthracene	0.525	0.0416	"	0.831		63.2	10-136				
Dibenzofuran	0.568	0.0416	"	0.831		68.4	29-121				
Diethyl phthalate	0.545	0.0416	"	0.831		65.6	34-116				
Dimethyl phthalate	0.558	0.0416	"	0.831		67.2	35-124				
Di-n-butyl phthalate	0.571	0.0416	"	0.831		68.7	31-116				
Di-n-octyl phthalate	0.576	0.0416	"	0.831		69.3	26-136				
Fluoranthene	0.620	0.0416	"	0.831		74.6	33-122				
Fluorene	0.591	0.0416	"	0.831		71.2	29-123				
Hexachlorobenzene	0.650	0.0416	"	0.831		78.2	21-124				
Hexachlorobutadiene	0.670	0.0416	"	0.831		80.7	10-149				
Hexachlorocyclopentadiene	ND	0.0416	"	0.831			10-129	Low Bias			
Hexachloroethane	0.349	0.0416	"	0.831		42.0	28-108				
Indeno(1,2,3-cd)pyrene	0.629	0.0416	"	0.831		75.8	10-135				
Isophorone	0.583	0.0416	"	0.831		70.2	20-132				
Naphthalene	0.593	0.0416	"	0.831		71.4	23-124				
Nitrobenzene	0.585	0.0416	"	0.831		70.4	13-132				
N-Nitrosodimethylamine	0.387	0.0416	"	0.831		46.6	11-129				
N-nitroso-di-n-propylamine	0.492	0.0416	"	0.831		59.2	24-119				
N-Nitrosodiphenylamine	0.647	0.0416	"	0.831		77.9	22-152				
Pentachlorophenol	0.595	0.0416	"	0.831		71.6	10-139				
Phenanthrene	0.633	0.0416	"	0.831		76.2	33-123				
Phenol	0.584	0.0416	"	0.831		70.3	23-115				
Pyrene	0.632	0.0416	"	0.831		76.1	24-130				
Pyridine	0.371	0.166	"	0.831		44.7	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.08*		"	*1.66*		*64.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.08*		"	*1.66*		*65.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.632*		"	*0.831*		*76.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.573*		"	*0.831*		*69.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.55*		"	*1.66*		*93.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.685*		"	*0.831*		*82.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40456 - EPA 3550C											
Blank (BI40456-BLK1) Blank									Prepared: 09/09/2024 Analyzed: 09/10/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*372*		*"*	*495*		*75.1*	*39-127.5*				
LCS (BI40456-BS1) LCS									Prepared: 09/09/2024 Analyzed: 09/10/2024		
1,4-Dioxane	507	19.8	ug/kg	495		102	40-130				
Surrogate: 1,4-Dioxane-d8	*307*		*"*	*495*		*62.1*	*39-127.5*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
Blank (BI40777-BLK1) Blank									Prepared: 09/12/2024 Analyzed: 09/15/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.748	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.756	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.787	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.738	"								
HFPO-DA (Gen-X)	ND	0.787	"								
11CL-PF3OUdS	ND	0.744	"								
9CL-PF3ONS	ND	0.736	"								
ADONA	ND	0.744	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.984	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.92	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.92	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.51*		"	*2.29*		*109*	*25-150*				
Surrogate: M5PFHxA	*2.82*		"	*2.46*		*115*	*25-150*				
Surrogate: M4PFHpA	*2.69*		"	*2.46*		*109*	*25-150*				
Surrogate: M3PFHxS	*2.65*		"	*2.33*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.81*		"	*2.46*		*114*	*25-150*				
Surrogate: M6PFDA	*1.68*		"	*1.23*		*137*	*25-150*				
Surrogate: M7PFUdA	*1.28*		"	*1.23*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.937*		"	*1.23*		*76.2*	*25-150*				
Surrogate: M2PFTeDA	*0.811*		"	*1.23*		*66.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
Blank (BI40777-BLK1) Blank									Prepared: 09/12/2024 Analyzed: 09/15/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.41*		*ug/kg wet*	*9.84*		*65.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.79*		*"*	*2.36*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.78*		*"*	*4.92*		*97.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.74*		*"*	*2.46*		*111*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.17*		*"*	*4.92*		*105*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.82*		*"*	*4.92*		*118*	*25-150*				
Surrogate: M2-6:2 FTS	*10.8*		*"*	*4.68*		*230*	*25-200*				
Surrogate: M2-8:2 FTS	*5.61*		*"*	*4.72*		*119*	*25-200*				
Surrogate: M9PFNA	*1.27*		*"*	*1.23*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*14.4*		*"*	*4.62*		*312*	*25-150*				
Surrogate: d-N-MeFOSA	*2.42*		*"*	*2.46*		*98.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.87*		*"*	*2.46*		*75.9*	*25-150*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.84*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.64*		*"*	*24.6*		*35.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*8.72*		*"*	*24.6*		*35.4*	*25-150*				
LCS (BI40777-BS1) LCS									Prepared: 09/12/2024 Analyzed: 09/15/2024		
Perfluorobutanesulfonic acid (PFBS)	3.31	0.175	ug/kg wet	3.50		94.3	50-150				
Perfluorohexanoic acid (PFHxA)	3.42	0.198	"	3.96		86.3	50-150				
Perfluoroheptanoic acid (PFHpA)	3.74	0.198	"	3.96		94.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.49	0.181	"	3.62		96.2	50-150				
Perfluorooctanoic acid (PFOA)	3.73	0.198	"	3.96		94.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.13	0.184	"	3.68		85.1	50-150				
Perfluorononanoic acid (PFNA)	3.40	0.198	"	3.96		85.9	50-150				
Perfluorodecanoic acid (PFDA)	3.20	0.198	"	3.96		80.8	50-150				
Perfluoroundecanoic acid (PFUnA)	3.68	0.198	"	3.96		92.9	50-150				
Perfluorododecanoic acid (PFDoA)	3.80	0.198	"	3.96		96.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.18	0.198	"	3.96		106	50-150				
Perfluorotetradecanoic acid (PFTA)	3.68	0.198	"	3.96		93.0	50-150				
N-MeFOSAA	3.83	0.198	"	3.96		96.8	50-150				
N-EtFOSAA	4.05	0.198	"	3.96		102	50-150				
Perfluoropentanoic acid (PFPeA)	7.48	0.396	"	7.92		94.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.17	0.198	"	3.96		80.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.80	0.198	"	3.78		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.74	0.191	"	3.82		71.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.4	0.752	"	15.0		95.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.3	0.760	"	15.2		94.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.2	0.792	"	15.8		96.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.93	0.352	"	7.05		113	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.57	0.396	"	7.92		70.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.31	0.396	"	7.92		92.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.25	0.396	"	7.92		104	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.32	0.186	"	3.72		89.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.4	0.743	"	14.9		83.5	50-150				
HFPO-DA (Gen-X)	9.45	0.792	"	7.92		119	50-150				
11CL-PF3OUdS	6.20	0.749	"	7.49		82.8	50-150				
9CL-PF3ONS	7.97	0.741	"	7.41		108	50-150				
ADONA	8.33	0.749	"	7.49		111	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
LCS (BI40777-BS1) LCS								Prepared: 09/12/2024 Analyzed: 09/15/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.78	0.192	ug/kg wet	3.84		46.4	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.45	0.190	"	3.80		90.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	21.6	0.990	"	15.8		136	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	92.2	4.95	"	79.2		116	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	90.0	4.95	"	79.2		114	50-150				
N-MeFOSE	44.0	1.98	"	39.6		111	50-150				
N-MeFOSA	3.60	0.198	"	3.96		90.9	50-150				
N-EtFOSE	36.1	1.98	"	39.6		91.1	50-150				
N-EtFOSA	4.19	0.198	"	3.96		106	50-150				
Surrogate: M3PFBS	*2.77*		"	*2.31*		*120*	*25-150*				
Surrogate: M5PFHxA	*3.14*		"	*2.48*		*127*	*25-150*				
Surrogate: M4PFHpA	*3.27*		"	*2.48*		*132*	*25-150*				
Surrogate: M3PFHxS	*2.65*		"	*2.35*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.28*		"	*2.48*		*133*	*25-150*				
Surrogate: M6PFDA	*1.64*		"	*1.24*		*133*	*25-150*				
Surrogate: M7PFUdA	*1.17*		"	*1.24*		*94.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.04*		"	*1.24*		*84.2*	*25-150*				
Surrogate: M2PFTeDA	*0.822*		"	*1.24*		*66.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.9*		"	*9.90*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.04*		"	*2.37*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.62*		"	*4.95*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.02*		"	*2.48*		*122*	*10-150*				
Surrogate: d3-N-MeFOSAA	*6.10*		"	*4.95*		*123*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.87*		"	*4.95*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*12.1*		"	*4.71*		*258*	*25-200*				
Surrogate: M2-8:2 FTS	*6.90*		"	*4.75*		*145*	*25-200*				
Surrogate: M9PFNA	*1.50*		"	*1.24*		*121*	*25-150*				
Surrogate: M2-4:2 FTS	*15.8*		"	*4.64*		*339*	*25-150*				
Surrogate: d-N-MeFOSA	*2.64*		"	*2.48*		*107*	*25-150*				
Surrogate: d-N-EtFOSA	*2.11*		"	*2.48*		*85.2*	*25-150*				
Surrogate: M3HFPO-DA	*11.9*		"	*9.90*		*120*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.0*		"	*24.8*		*44.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.2*		"	*24.8*		*41.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
LCS (BI40777-BS2) LCS								Prepared: 09/12/2024 Analyzed: 09/15/2024			
Perfluorobutanesulfonic acid (PFBS)	0.583	0.177	ug/kg wet	0.707		82.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.651	0.200	"	0.798		81.6	50-150				
Perfluoroheptanoic acid (PFHpA)	0.713	0.200	"	0.798		89.3	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.597	0.183	"	0.731		81.7	50-150				
Perfluorooctanoic acid (PFOA)	0.670	0.200	"	0.798		83.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.591	0.186	"	0.743		79.5	50-150				
Perfluorononanoic acid (PFNA)	0.582	0.200	"	0.798		72.9	50-150				
Perfluorodecanoic acid (PFDA)	0.628	0.200	"	0.798		78.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.660	0.200	"	0.798		82.6	50-150				
Perfluorododecanoic acid (PFDoA)	0.719	0.200	"	0.798		90.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.774	0.200	"	0.798		97.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.578	0.200	"	0.798		72.4	50-150				
N-MeFOSAA	0.749	0.200	"	0.798		93.8	50-150				
N-EtFOSAA	0.710	0.200	"	0.798		88.9	50-150				
Perfluoropentanoic acid (PFPeA)	1.39	0.399	"	1.60		87.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.622	0.200	"	0.798		77.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.656	0.200	"	0.762		86.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.430	0.193	"	0.770		55.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.83	0.758	"	3.03		93.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.05	0.766	"	3.07		99.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.82	0.798	"	3.19		88.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.43	0.355	"	1.42		101	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.399	"	1.60			50-150	Low Bias			
Perfluoro-4-oxapentanoic acid (PFMPA)	1.33	0.399	"	1.60		83.5	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.57	0.399	"	1.60		98.3	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.662	0.188	"	0.750		88.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.41	0.749	"	2.99		80.6	50-150				
HFPO-DA (Gen-X)	1.57	0.798	"	1.60		98.1	50-150				
11CL-PF3OUdS	0.947	0.754	"	1.51		62.7	50-150				
9CL-PF3ONS	1.37	0.747	"	1.49		91.5	50-150				
ADONA	1.49	0.754	"	1.51		98.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.333	0.194	"	0.774		43.0	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.607	0.192	"	0.766		79.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.70	0.998	"	3.19		116	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	17.0	4.99	"	16.0		106	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	16.1	4.99	"	16.0		101	50-150				
N-MeFOSE	7.72	2.00	"	7.98		96.7	50-150				
N-MeFOSA	0.725	0.200	"	0.798		90.8	50-150				
N-EtFOSE	8.17	2.00	"	7.98		102	50-150				
N-EtFOSA	0.829	0.200	"	0.798		104	50-150				
Surrogate: M3PFBS	*2.67*		"	*2.33*		*115*	*25-150*				
Surrogate: M5PFHxA	*3.19*		"	*2.50*		*128*	*25-150*				
Surrogate: M4PFHpA	*3.07*		"	*2.50*		*123*	*25-150*				
Surrogate: M3PFHxS	*2.54*		"	*2.37*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.16*		"	*2.50*		*127*	*25-150*				
Surrogate: M6PFDA	*1.62*		"	*1.25*		*130*	*25-150*				
Surrogate: M7PFUdA	*1.33*		"	*1.25*		*107*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.00*		"	*1.25*		*80.2*	*25-150*				
Surrogate: M2PFTeDA	*0.850*		"	*1.25*		*68.1*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
LCS (BI40777-BS2) LCS									Prepared: 09/12/2024 Analyzed: 09/15/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.9*		*ug/kg wet*	*9.98*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.09*		*"*	*2.39*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.60*		*"*	*4.99*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.87*		*"*	*2.50*		*115*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.74*		*"*	*4.99*		*115*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.95*		*"*	*4.99*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*10.6*		*"*	*4.75*		*224*	*25-200*				
Surrogate: M2-8:2 FTS	*5.54*		*"*	*4.79*		*116*	*25-200*				
Surrogate: M9PFNA	*1.55*		*"*	*1.25*		*124*	*25-150*				
Surrogate: M2-4:2 FTS	*13.8*		*"*	*4.68*		*294*	*25-150*				
Surrogate: d-N-MeFOSA	*2.29*		*"*	*2.50*		*91.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.78*		*"*	*2.50*		*71.2*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		*"*	*9.98*		*123*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.0*		*"*	*25.0*		*40.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.1*		*"*	*25.0*		*40.4*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40431 - EPA 3550C											
Blank (BI40431-BLK1) Blank									Prepared & Analyzed: 09/09/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0492*		*"*	*0.0664*		*74.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0609*		*"*	*0.0664*		*91.7*	*30-150*				
LCS (BI40431-BS1) LCS									Prepared & Analyzed: 09/09/2024		
4,4'-DDD	0.0275	0.00164	mg/kg wet	0.0332		82.6	40-140				
4,4'-DDE	0.0283	0.00164	"	0.0332		85.1	40-140				
4,4'-DDT	0.0261	0.00164	"	0.0332		78.5	40-140				
Aldrin	0.0298	0.00164	"	0.0332		89.7	40-140				
alpha-BHC	0.0302	0.00164	"	0.0332		90.8	40-140				
alpha-Chlordane	0.0305	0.00164	"	0.0332		91.7	40-140				
beta-BHC	0.0357	0.00164	"	0.0332		107	40-140				
delta-BHC	0.0291	0.00164	"	0.0332		87.5	40-140				
Dieldrin	0.0300	0.00164	"	0.0332		90.4	40-140				
Endosulfan I	0.0343	0.00164	"	0.0332		103	40-140				
Endosulfan II	0.0321	0.00164	"	0.0332		96.7	40-140				
Endosulfan sulfate	0.0271	0.00164	"	0.0332		81.6	40-140				
Endrin	0.0303	0.00164	"	0.0332		91.3	40-140				
Endrin aldehyde	0.0322	0.00164	"	0.0332		97.0	40-140				
Endrin ketone	0.0304	0.00164	"	0.0332		91.5	40-140				
gamma-BHC (Lindane)	0.0300	0.00164	"	0.0332		90.4	40-140				
gamma-Chlordane	0.0306	0.00164	"	0.0332		92.1	40-140				
Heptachlor	0.0299	0.00164	"	0.0332		89.9	40-140				
Heptachlor epoxide	0.0316	0.00164	"	0.0332		95.3	40-140				
Methoxychlor	0.0266	0.00164	"	0.0332		80.1	40-140				
Surrogate: Decachlorobiphenyl	*0.0524*		*"*	*0.0664*		*78.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0655*		*"*	*0.0664*		*98.6*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40431 - EPA 3550C											
Blank (BI40431-BLK2) Blank							Prepared & Analyzed: 09/09/2024				
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0660*		*"*	*0.0667*		*99.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0343*		*"*	*0.0667*		*51.5*	*30-120*				
LCS (BI40431-BS2) LCS							Prepared & Analyzed: 09/09/2024				
Aroclor 1016	0.270	0.0166	mg/kg wet	0.332		81.2	40-130				
Aroclor 1260	0.230	0.0166	"	0.332		69.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0605*		*"*	*0.0664*		*91.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0309*		*"*	*0.0664*		*46.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40322 - EPA 3550C/8151A											
Blank (BI40322-BLK1) Blank								Prepared & Analyzed: 09/06/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.376*		*"*	*0.415*		*90.6*	*21-150*				
LCS (BI40322-BS1) LCS								Prepared & Analyzed: 09/06/2024			
2,4,5-T	0.0814	0.0199	mg/kg wet	0.0664		122	10-120	High Bias			
2,4,5-TP (Silvex)	0.0922	0.0199	"	0.0664		139	10-120	High Bias			
2,4-D	0.0839	0.0199	"	0.0664		126	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.416*		*"*	*0.415*		*100*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40566 - EPA 3050B											
Blank (BI40566-BLK1) Blank									Prepared: 09/10/2024 Analyzed: 09/11/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	23.8	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BI40566-SRM1) Reference									Prepared: 09/10/2024 Analyzed: 09/11/2024		
Aluminum	6510	4.17	mg/kg wet	7680		84.7	35.7-119				
Antimony	72.9	2.08	"	244		29.9	0-99.5				
Arsenic	270	1.25	"	283		95.2	69.9-101.4				
Barium	342	2.08	"	326		105	73.9-107.1				
Beryllium	191	0.042	"	175		109	75.4-107.4	High Bias			
Cadmium	94.1	0.250	"	95.8		98.3	72.3-103.7				
Calcium	5720	4.17	"	5470		105	79.5-113.2				
Chromium	249	0.417	"	239		104	72.4-106.3				
Cobalt	158	0.333	"	150		106	76-107.3				
Copper	234	1.67	"	217		108	74.7-105.1	High Bias			
Iron	6970	20.8	"	7360		94.8	53-127.9				
Lead	207	0.417	"	210		98.4	75.7-109.5				
Magnesium	2040	4.17	"	2080		98.1	67.3-111.1				
Manganese	281	0.417	"	290		97.1	73.4-108.3				
Nickel	343	0.830	"	329		104	74.5-106.7				
Potassium	1970	4.17	"	2330		84.4	60.9-111.6				
Selenium	303	2.08	"	281		108	77.6-116.7				
Silver	85.1	0.420	"	82.7		103	73.7-111.7				
Sodium	418	41.7	"	427		97.8	71.2-118.7				
Thallium	122	2.08	"	123		99.6	70.2-104.8				
Vanadium	192	0.830	"	192		100	68.8-107.8				
Zinc	256	2.08	"	260		98.5	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40382 - EPA 7473 soil											
Blank (BI40382-BLK1) Blank									Prepared & Analyzed: 09/07/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40382-SRM1) Reference									Prepared & Analyzed: 09/07/2024		
Mercury	19.485		mg/kg	18.2		107	59.9-140.1				
Batch BI40558 - EPA 7473 soil											
Blank (BI40558-BLK1) Blank									Prepared: 09/10/2024 Analyzed: 09/11/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40558-SRM1) Reference									Prepared: 09/10/2024 Analyzed: 09/11/2024		
Mercury	18.168		mg/kg	18.2		99.8	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40417 - Analysis Preparation Soil											
Blank (BI40417-BLK1) Blank									Prepared & Analyzed: 09/09/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BI40417-SRM1) Reference									Prepared & Analyzed: 09/09/2024		
Cyanide, total	53.9		ug/mL	59.7		90.3	38.5-161.4				
Batch BI40441 - EPA SW846-3060											
Blank (BI40441-BLK1) Blank									Prepared & Analyzed: 09/09/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BI40441-SRM1) Reference									Prepared & Analyzed: 09/09/2024		
Chromium, Hexavalent	255		mg/L	227		112	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0233-01	PE33_15	40mL Vial with Stir Bar-Cool 4° C
24I0233-02	PE34_15	40mL Vial with Stir Bar-Cool 4° C
24I0233-03	PE40_15	40mL Vial with Stir Bar-Cool 4° C
24I0233-04	PE32_15	40mL Vial with Stir Bar-Cool 4° C
24I0233-05	PE16_15	40mL Vial with Stir Bar-Cool 4° C
24I0233-06	TB_09052024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

YORK Project Number: ~~24H~~ 2410233

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany, NJ 07054	Address:
Phone.: 973-560-4900	Phone: SAME
Contact: Lauren Kotte	Contact:
E-mail: lkotte@langan.com	E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp.
PE33-15	09/05	0915	S	3									1	X	X	X	X	X	X	X	X	X	
PE34-15		0925		3									1	X	X	X	X	X	X	X	X	X	
PE40-15		1315		3									1	X	X	X	X	X	X	X	X	X	
PE32-15		1325		3									1	X	X	X	X	X	X	X	X	X	
PE16-15		1345		3									1	X	X	X	X	X	X	X	X	X	
TB-09052024					2									X									

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: ~~Y~~ ~~N~~ Containers Intact: ~~Y~~ / N COC/Labels Agree: ~~Y~~ / N Preservation Confirmed: ~~Y~~ / N

COC Complete: ~~Y~~ / N COC Received: ~~Y~~ / N Appropriate Sample Volumes: ~~Y~~ / N Appropriate Sample Containers: ~~Y~~ / N

Cooler Temperature Confirmed: ~~Y~~ / N Samples Submitted within Holding Times: ~~Y~~ / N Corrective Action Form Required: Y / ~~N~~

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Daniel Horvath / Langan	09/05/24 1445	[illegible] / York	9/5/24 1445	[illegible] / York	9/5/24 1815
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
VMR	9/5/24 1815 4.1°C	VMR	9/5/24 18:45	[illegible]	9/5/24 18:45
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
[illegible]	9/5/24 20:40			[illegible]	9/5/24 20:40 3.7°C Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/17/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0367

Report Date: 09/17/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0367

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 06, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24I0367-01	PE24_15	Soil	09/06/2024	09/06/2024
24I0367-02	DUP_09062024	Soil	09/06/2024	09/06/2024
24I0367-03	EB_09062024	Water	09/06/2024	09/06/2024
24I0367-04	TB_09062024	Water	09/05/2024	09/06/2024

General Notes for York Project (SDG) No.: 24I0367

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 09/17/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	09/10/2024 09:42	09/10/2024 17:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0981	0.196	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0981	0.196	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.197	0.393	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.393	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0494**	J	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0981	0.196	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0722**	J	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0722**	J	mg/kg dry	0.0492	0.0981	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.197	0.393	2	EPA 8270D	09/11/2024 09:02	09/12/2024 18:32	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/09/2024 13:20	09/10/2024 18:58	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.130	0.207	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0618	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.123	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.209	0.214	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.201	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.221	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.223	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.146	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.173	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.226	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.467	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.181	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.694	0.887	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.881	0.896	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.933	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.415	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.225	0.467	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0723	0.467	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.467	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.219	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.694	0.875	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.709	0.933	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.363	0.882	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.287	0.873	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.203	0.882	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.197	0.226	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.145	0.224	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.740	1.17	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.45	5.83	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.75	5.83	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.713	2.33	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.210	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.813	2.33	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 01:16	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*92.4 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*97.1 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*93.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*99.9 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.5 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*66.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*88.4 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*123 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*87.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*96.8 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*127 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*156 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*179 %*		*25-200*

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*248 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*102 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*135 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*59.3 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*58.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*89.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*54.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*47.2 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.189	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:16	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0235	1	EPA 8151A	09/12/2024 08:26	09/12/2024 15:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0235	1	EPA 8151A	09/12/2024 08:26	09/12/2024 15:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0235	1	EPA 8151A	09/12/2024 08:26	09/12/2024 15:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*61.2 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8610**		mg/kg dry	4.92	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.46	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.93**		mg/kg dry	1.48	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**675**		mg/kg dry	2.46	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.699**		mg/kg dry	0.295	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**4970**	B	mg/kg dry	4.92	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**25.7**		mg/kg dry	0.492	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.86**		mg/kg dry	0.393	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**313**		mg/kg dry	1.97	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**17700**		mg/kg dry	24.6	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**458**		mg/kg dry	0.492	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1910**		mg/kg dry	4.92	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**140**		mg/kg dry	0.492	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**23.9**		mg/kg dry	0.980	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**590**	B	mg/kg dry	4.92	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.46	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.496	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**487**		mg/kg dry	49.2	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.46	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**34.8**		mg/kg dry	0.980	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**556**		mg/kg dry	2.45	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:00	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.335**		mg/kg dry	0.0354	1	EPA 7473	09/11/2024 13:37	09/11/2024 17:11	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.590	1	EPA 7196A	09/10/2024 09:18	09/10/2024 16:48	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**25.7**		mg/kg	0.500	1	Calculation	09/12/2024 16:12	09/12/2024 16:12	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.590	1	EPA 9014/9010C	09/10/2024 07:50	09/10/2024 12:47	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE24_15 **York Sample ID:** 24I0367-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:00 pm	09/06/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.7**		%	0.100	1	SM 2540G	09/10/2024 07:23	09/10/2024 14:33	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0087**	J, ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C	09/10/2024 09:42	09/10/2024 18:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.193	0.387	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.193	0.387	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.232**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.248**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.201**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.130**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.215**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0757**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.224**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.249**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.168**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.141**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.277**		mg/kg dry	0.0484	0.0966	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.193	0.387	2	EPA 8270D	09/10/2024 13:35	09/11/2024 15:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.5 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/09/2024 13:20	09/10/2024 19:15	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*57.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.130	0.207	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0619	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.123	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.209	0.214	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.201	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.221	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.223	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.231	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.146	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.173	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.227	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.467	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.171	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.181	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.695	0.888	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.882	0.897	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.935	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.416	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.225	0.467	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0724	0.467	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.467	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.220	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.695	0.876	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.710	0.935	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.363	0.883	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.287	0.874	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.203	0.883	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.197	0.227	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.145	0.224	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.741	1.17	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.45	5.84	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.75	5.84	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.714	2.34	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.210	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.814	2.34	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.231	0.234	1	EPA 1633 Draft 3	09/10/2024 14:45	09/13/2024 02:37	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*95.4 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*94.3 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*94.3 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*102 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*130 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*83.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*85.6 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*83.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*96.7 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*123 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*146 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*217 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*230 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*90.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*156 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*60.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*57.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*88.7 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*49.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.0 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B	09/11/2024 09:04	09/11/2024 18:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A	09/11/2024 09:04	09/11/2024 21:30	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*106 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0235	1	EPA 8151A	09/09/2024 08:33	09/11/2024 15:16	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0235	1	EPA 8151A	09/09/2024 08:33	09/11/2024 15:16	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0235	1	EPA 8151A	09/09/2024 08:33	09/11/2024 15:16	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*84.4 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8700**		mg/kg dry	4.91	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.45	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.19**		mg/kg dry	1.47	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**828**		mg/kg dry	2.45	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.049	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.952**		mg/kg dry	0.294	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**12500**	B	mg/kg dry	4.91	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**23.6**		mg/kg dry	0.491	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.81**		mg/kg dry	0.392	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**93.1**		mg/kg dry	1.96	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**18300**		mg/kg dry	24.5	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**490**		mg/kg dry	0.491	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2110**		mg/kg dry	4.91	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**159**		mg/kg dry	0.491	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**19.9**		mg/kg dry	0.977	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**698**	B	mg/kg dry	4.91	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.45	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.883**		mg/kg dry	0.495	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**469**		mg/kg dry	49.1	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.45	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**29.1**		mg/kg dry	0.977	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**731**		mg/kg dry	2.44	1	EPA 6010D	09/11/2024 14:48	09/12/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.505**		mg/kg dry	0.0353	1	EPA 7473	09/11/2024 13:37	09/12/2024 14:02	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.589	1	EPA 7196A	09/10/2024 09:18	09/10/2024 16:48	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**23.6**		mg/kg	0.500	1	Calculation	09/12/2024 16:12	09/12/2024 16:12	ZTS
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.589	1	EPA 9014/9010C	09/10/2024 07:50	09/10/2024 12:47	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09062024 **York Sample ID:** 24I0367-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Soil	September 6, 2024 1:10 pm	09/06/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G	09/10/2024 07:23	09/10/2024 14:33	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: EB_09062024 **York Sample ID:** 24I0367-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Water	September 6, 2024 1:30 pm	09/06/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.485	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.361	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.732	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.701	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.433	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.845	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.536	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.773	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.16	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.907	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.763	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.711	2.06	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.814	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.06	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.237	4.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.907	2.06	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.938	1.97	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-CC V-L	ng/L	1.36	1.99	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.09	7.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.11	7.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.340	8.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM

Sample Information

Client Sample ID: EB_09062024 **York Sample ID:** 24I0367-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Water	September 6, 2024 1:30 pm	09/06/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.515	3.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/15/2024 11:03	09/16/2024 20:40	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.21	4.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/15/2024 11:03	09/16/2024 20:40	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.258	4.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/15/2024 11:03	09/16/2024 20:40	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.381	4.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/15/2024 11:03	09/16/2024 20:40	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.784	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.85	7.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.33	8.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.42	7.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.722	7.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
919005-14-4	ADONA	ND		ng/L	0.546	7.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ng/L	0.959	2.00	1	EPA 1633 Draft 3 Certifications:	09/15/2024 11:03	09/16/2024 20:40	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.887	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/15/2024 11:03	09/16/2024 20:40	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.09	5.15	1	EPA 1633 Draft 3 Certifications:	09/15/2024 11:03	09/16/2024 20:40	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.56	25.8	1	EPA 1633 Draft 3 Certifications:	09/15/2024 11:03	09/16/2024 20:40	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.76	25.8	1	EPA 1633 Draft 3 Certifications:	09/15/2024 11:03	09/16/2024 20:40	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.11	20.6	1	EPA 1633 Draft 3 Certifications:	09/15/2024 11:03	09/16/2024 20:40	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.63	2.06	1	EPA 1633 Draft 3 Certifications:	09/15/2024 11:03	09/16/2024 20:40	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.11	20.6	1	EPA 1633 Draft 3 Certifications:	09/15/2024 11:03	09/16/2024 20:40	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.86	2.06	1	EPA 1633 Draft 3 Certifications:	09/15/2024 11:03	09/16/2024 20:40	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*122 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*132 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*126 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*128 %*	*25-150*

Sample Information

Client Sample ID: EB_09062024 **York Sample ID:** 24I0367-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Water	September 6, 2024 1:30 pm	09/06/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*141 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*154 %*	PFSu-H		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*125 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*84.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.8 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*6.78 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*139 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*86.7 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*139 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*122 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*139 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*275 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*125 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*131 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*351 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*126 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*99.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*129 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*44.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*39.2 %*			*25-150*						

Sample Information

Client Sample ID: TB_09062024 **York Sample ID:** 24I0367-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Water	September 5, 2024 1:30 pm	09/06/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09062024 **York Sample ID:** 24I0367-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Water	September 5, 2024 1:30 pm	09/06/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**2.04**		ug/L	1.34	2.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**2.61**		ug/L	0.422	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, ICVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09062024 **York Sample ID:** 24I0367-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Water	September 5, 2024 1:30 pm	09/06/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_09062024 **York Sample ID:** 24I0367-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0367	100688801	Water	September 5, 2024 1:30 pm	09/06/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/10/2024 09:27	09/10/2024 16:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*82.3 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*87.8 %*	*70-130*

Analytical Batch Summary

Batch ID: BI40430 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-02	DUP_09062024	09/09/24
BI40430-BLK1	Blank	09/09/24
BI40430-BS1	LCS	09/09/24

Batch ID: BI40456 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-01	PE24_15	09/09/24
24I0367-02	DUP_09062024	09/09/24
BI40456-BLK1	Blank	09/09/24
BI40456-BS1	LCS	09/09/24
BI40456-MS2	Matrix Spike	09/09/24
BI40456-MSD2	Matrix Spike Dup	09/09/24

Batch ID: BI40503 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-01	PE24_15	09/10/24
24I0367-02	DUP_09062024	09/10/24
BI40503-DUP1	Duplicate	09/10/24

Batch ID: BI40506 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-01	PE24_15	09/10/24
24I0367-02	DUP_09062024	09/10/24
BI40506-BLK1	Blank	09/10/24
BI40506-DUP1	Duplicate	09/10/24
BI40506-MS1	Matrix Spike	09/10/24
BI40506-MSD1	Matrix Spike Dup	09/10/24
BI40506-SRM1	Reference	09/10/24

Batch ID: BI40539 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-01	PE24_15	09/10/24
24I0367-02	DUP_09062024	09/10/24
BI40539-BLK1	Blank	09/10/24
BI40539-DUP1	Duplicate	09/10/24
BI40539-MS1	Matrix Spike	09/10/24
BI40539-MSD1	Matrix Spike Dup	09/10/24
BI40539-SRM1	Reference	09/10/24

Batch ID: BI40554 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-02	DUP_09062024	09/10/24
BI40554-BLK1	Blank	09/10/24
BI40554-BS1	LCS	09/10/24

Batch ID: BI40565 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-01	PE24_15	09/10/24
24I0367-02	DUP_09062024	09/10/24
BI40565-BLK1	Blank	09/10/24
BI40565-BS1	LCS	09/10/24
BI40565-BS2	LCS	09/10/24
BI40565-MS1	Matrix Spike	09/10/24
BI40565-MSD1	Matrix Spike Dup	09/10/24

Batch ID: BI40631 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-01	PE24_15	09/11/24
BI40631-BLK1	Blank	09/11/24
BI40631-BS1	LCS	09/11/24
BI40631-MS1	Matrix Spike	09/11/24
BI40631-MSD1	Matrix Spike Dup	09/11/24

Batch ID: BI40632 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-01	PE24_15	09/11/24
24I0367-01	PE24_15	09/11/24
24I0367-02	DUP_09062024	09/11/24
24I0367-02	DUP_09062024	09/11/24
BI40632-BLK1	Blank	09/11/24
BI40632-BLK2	Blank	09/11/24
BI40632-BS1	LCS	09/11/24
BI40632-BS2	LCS	09/11/24
BI40632-MS1	Matrix Spike	09/11/24
BI40632-MS2	Matrix Spike	09/11/24
BI40632-MSD1	Matrix Spike Dup	09/11/24
BI40632-MSD2	Matrix Spike Dup	09/11/24

Batch ID: BI40655 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-01	PE24_15	09/11/24

24I0367-02	DUP_09062024	09/11/24
BI40655-BLK1	Blank	09/11/24
BI40655-DUP1	Duplicate	09/11/24
BI40655-MS1	Matrix Spike	09/11/24
BI40655-SRM1	Reference	09/11/24

Batch ID: BI40670 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-01	PE24_15	09/11/24
24I0367-02	DUP_09062024	09/11/24
BI40670-BLK1	Blank	09/11/24
BI40670-DUP1	Duplicate	09/11/24
BI40670-MS1	Matrix Spike	09/11/24
BI40670-PS1	Post Spike	09/11/24
BI40670-SRM1	Reference	09/11/24

Batch ID: BI40672 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-01	PE24_15	09/10/24
24I0367-02	DUP_09062024	09/10/24
BI40672-BLK1	Blank	09/10/24
BI40672-BS1	LCS	09/10/24
BI40672-BSD1	LCS Dup	09/10/24
BI40672-MS1	Matrix Spike	09/10/24
BI40672-MSD1	Matrix Spike Dup	09/10/24

Batch ID: BI40676 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-04	TB_09062024	09/10/24
BI40676-BLK1	Blank	09/10/24
BI40676-BS1	LCS	09/10/24
BI40676-BSD1	LCS Dup	09/10/24

Batch ID: BI40710 **Preparation Method:** EPA 3550C/8151A **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-01	PE24_15	09/12/24
BI40710-BLK1	Blank	09/12/24
BI40710-BS1	LCS	09/12/24
BI40710-MS1	Matrix Spike	09/12/24
BI40710-MSD1	Matrix Spike Dup	09/12/24

Batch ID: BI40779 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date

24I0367-01	PE24_15	09/12/24
24I0367-02	DUP_09062024	09/12/24
BI40779-DUP1	Duplicate	09/12/24

Batch ID: BI40902 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
24I0367-03	EB_09062024	09/15/24
BI40902-BLK1	Blank	09/15/24
BI40902-BS1	LCS	09/15/24
BI40902-BS2	LCS	09/15/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40672 - EPA 5035A											
Blank (BI40672-BLK1) Blank									Prepared & Analyzed: 09/10/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40672 - EPA 5035A											
Blank (BI40672-BLK1) Blank								Prepared & Analyzed: 09/10/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.8*		*"*	*50.0*		*106*	*76-130*				
LCS (BI40672-BS1) LCS								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	46.2		ug/L	50.0		92.3	75-129			30	
1,1,1-Trichloroethane	45.1		"	50.0		90.1	70-130			30	
1,1,2,2-Tetrachloroethane	47.9		"	50.0		95.8	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.1		"	50.0		94.1	70-130			30	
1,1,2-Trichloroethane	46.1		"	50.0		92.1	70-130			30	
1,1-Dichloroethane	45.0		"	50.0		90.1	70-130			30	
1,1-Dichloroethylene	49.3		"	50.0		98.5	70-130			30	
1,1-Dichloropropylene	47.2		"	50.0		94.4	77-127			30	
1,2,3-Trichlorobenzene	50.0		"	50.0		100	70-130			30	
1,2,3-Trichloropropane	46.9		"	50.0		93.8	81-126			30	
1,2,4-Trichlorobenzene	52.1		"	50.0		104	70-130			30	
1,2,4-Trimethylbenzene	49.2		"	50.0		98.3	84-125			30	
1,2-Dibromo-3-chloropropane	47.0		"	50.0		94.0	40-160			30	
1,2-Dibromoethane	46.1		"	50.0		92.2	70-130			30	
1,2-Dichlorobenzene	47.8		"	50.0		95.6	70-130			30	
1,2-Dichloroethane	45.8		"	50.0		91.5	70-130			30	
1,2-Dichloropropane	46.8		"	50.0		93.7	70-130			30	
1,3,5-Trimethylbenzene	48.5		"	50.0		97.0	82-126			30	
1,3-Dichlorobenzene	47.4		"	50.0		94.8	70-130			30	
1,3-Dichloropropane	46.4		"	50.0		92.7	83-123			30	
1,4-Dichlorobenzene	47.4		"	50.0		94.7	70-130			30	
1,4-Dioxane	704		"	1050		67.0	40-160			30	
2,2-Dichloropropane	50.6		"	50.0		101	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40672 - EPA 5035A											
LCS (BI40672-BS1) LCS							Prepared & Analyzed: 09/10/2024				
2-Butanone	40.8		ug/L	50.0		81.6	40-160			30	
2-Chlorotoluene	47.7		"	50.0		95.4	78-127			30	
2-Hexanone	44.2		"	50.0		88.4	40-160			30	
4-Chlorotoluene	48.6		"	50.0		97.1	79-125			30	
4-Methyl-2-pentanone	34.1		"	50.0		68.1	40-160			30	
Acetone	26.0		"	50.0		52.1	40-160			30	
Acrolein	9.99		"	50.0		20.0	10-238			30	
Acrylonitrile	45.1		"	50.0		90.2	66-141			30	
Benzene	46.5		"	50.0		92.9	70-130			30	
Bromobenzene	48.9		"	50.0		97.9	77-129			30	
Bromochloromethane	45.2		"	50.0		90.4	70-130			30	
Bromodichloromethane	47.0		"	50.0		94.1	70-130			30	
Bromoform	46.0		"	50.0		92.0	70-130			30	
Bromomethane	50.8		"	50.0		102	40-160			30	
Carbon disulfide	50.0		"	50.0		100	40-160			30	
Carbon tetrachloride	44.9		"	50.0		89.8	70-130			30	
Chlorobenzene	45.8		"	50.0		91.5	70-130			30	
Chloroethane	43.0		"	50.0		86.1	51-142			30	
Chloroform	45.1		"	50.0		90.3	70-130			30	
Chloromethane	44.1		"	50.0		88.3	49-132			30	
cis-1,2-Dichloroethylene	45.4		"	50.0		90.8	70-130			30	
cis-1,3-Dichloropropylene	47.5		"	50.0		95.0	70-130			30	
Cyclohexane	46.7		"	50.0		93.3	70-130			30	
Dibromochloromethane	46.6		"	50.0		93.3	70-130			30	
Dibromomethane	44.4		"	50.0		88.9	83-124			30	
Dichlorodifluoromethane	54.5		"	50.0		109	40-160			30	
Ethyl Benzene	48.0		"	50.0		95.9	70-130			30	
Hexachlorobutadiene	50.1		"	50.0		100	83-133			30	
Isopropylbenzene	49.4		"	50.0		98.8	70-130			30	
Methyl acetate	39.7		"	50.0		79.4	70-130			30	
Methyl tert-butyl ether (MTBE)	49.1		"	50.0		98.2	70-130			30	
Methylcyclohexane	45.2		"	50.0		90.4	70-130			30	
Methylene chloride	44.3		"	50.0		88.6	70-130			30	
n-Butylbenzene	49.0		"	50.0		98.1	80-130			30	
n-Propylbenzene	49.0		"	50.0		97.9	74-136			30	
o-Xylene	46.9		"	50.0		93.9	70-130			30	
p- & m- Xylenes	93.4		"	100		93.4	70-130			30	
p-Isopropyltoluene	50.8		"	50.0		102	85-125			30	
sec-Butylbenzene	49.2		"	50.0		98.5	83-125			30	
Styrene	48.7		"	50.0		97.4	70-130			30	
tert-Butyl alcohol (TBA)	235		"	250		94.0	70-130			30	
tert-Butylbenzene	42.8		"	50.0		85.6	80-127			30	
Tetrachloroethylene	42.6		"	50.0		85.2	70-130			30	
Toluene	46.6		"	50.0		93.3	70-130			30	
trans-1,2-Dichloroethylene	46.5		"	50.0		93.1	70-130			30	
trans-1,3-Dichloropropylene	49.3		"	50.0		98.6	70-130			30	
Trichloroethylene	46.5		"	50.0		92.9	70-130			30	
Trichlorofluoromethane	46.6		"	50.0		93.2	40-160			30	
Vinyl Chloride	46.6		"	50.0		93.1	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40672 - EPA 5035A											
LCS (BI40672-BS1) LCS								Prepared & Analyzed: 09/10/2024			
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*ug/L*	*50.0*		*103*	*76-130*				
LCS Dup (BI40672-BSD1) LCS Dup								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	49.8		ug/L	50.0		99.7	75-129		7.67	30	
1,1,1-Trichloroethane	48.3		"	50.0		96.6	70-130		6.92	30	
1,1,2,2-Tetrachloroethane	51.8		"	50.0		104	70-130		7.74	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.3		"	50.0		101	70-130		6.66	30	
1,1,2-Trichloroethane	48.8		"	50.0		97.6	70-130		5.80	30	
1,1-Dichloroethane	47.7		"	50.0		95.4	70-130		5.74	30	
1,1-Dichloroethylene	52.4		"	50.0		105	70-130		6.16	30	
1,1-Dichloropropylene	50.0		"	50.0		99.9	77-127		5.66	30	
1,2,3-Trichlorobenzene	53.6		"	50.0		107	70-130		6.82	30	
1,2,3-Trichloropropane	50.8		"	50.0		102	81-126		7.97	30	
1,2,4-Trichlorobenzene	54.8		"	50.0		110	70-130		5.09	30	
1,2,4-Trimethylbenzene	52.3		"	50.0		105	84-125		6.13	30	
1,2-Dibromo-3-chloropropane	51.2		"	50.0		102	40-160		8.61	30	
1,2-Dibromoethane	49.6		"	50.0		99.2	70-130		7.33	30	
1,2-Dichlorobenzene	50.4		"	50.0		101	70-130		5.25	30	
1,2-Dichloroethane	47.8		"	50.0		95.7	70-130		4.44	30	
1,2-Dichloropropane	50.3		"	50.0		101	70-130		7.06	30	
1,3,5-Trimethylbenzene	51.6		"	50.0		103	82-126		6.13	30	
1,3-Dichlorobenzene	50.2		"	50.0		100	70-130		5.68	30	
1,3-Dichloropropane	49.8		"	50.0		99.7	83-123		7.24	30	
1,4-Dichlorobenzene	49.8		"	50.0		99.6	70-130		5.06	30	
1,4-Dioxane	806		"	1050		76.7	40-160		13.5	30	
2,2-Dichloropropane	53.8		"	50.0		108	67-136		6.28	30	
2-Butanone	44.7		"	50.0		89.4	40-160		9.07	30	
2-Chlorotoluene	50.6		"	50.0		101	78-127		5.98	30	
2-Hexanone	49.8		"	50.0		99.6	40-160		11.9	30	
4-Chlorotoluene	51.5		"	50.0		103	79-125		5.82	30	
4-Methyl-2-pentanone	37.7		"	50.0		75.5	40-160		10.2	30	
Acetone	28.8		"	50.0		57.7	40-160		10.2	30	
Acrolein	11.5		"	50.0		23.1	10-238		14.4	30	
Acrylonitrile	49.2		"	50.0		98.4	66-141		8.71	30	
Benzene	49.3		"	50.0		98.6	70-130		5.91	30	
Bromobenzene	51.8		"	50.0		104	77-129		5.76	30	
Bromochloromethane	47.7		"	50.0		95.4	70-130		5.47	30	
Bromodichloromethane	50.4		"	50.0		101	70-130		6.86	30	
Bromoform	49.0		"	50.0		98.0	70-130		6.38	30	
Bromomethane	52.0		"	50.0		104	40-160		2.37	30	
Carbon disulfide	52.8		"	50.0		106	40-160		5.42	30	
Carbon tetrachloride	47.5		"	50.0		95.0	70-130		5.63	30	
Chlorobenzene	48.7		"	50.0		97.3	70-130		6.16	30	
Chloroethane	46.0		"	50.0		91.9	51-142		6.56	30	
Chloroform	47.8		"	50.0		95.6	70-130		5.70	30	
Chloromethane	47.8		"	50.0		95.6	49-132		7.94	30	
cis-1,2-Dichloroethylene	48.7		"	50.0		97.4	70-130		7.03	30	
cis-1,3-Dichloropropylene	50.9		"	50.0		102	70-130		6.87	30	
Cyclohexane	49.6		"	50.0		99.3	70-130		6.17	30	
Dibromochloromethane	49.4		"	50.0		98.8	70-130		5.69	30	
Dibromomethane	48.3		"	50.0		96.5	83-124		8.24	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40672 - EPA 5035A											
LCS Dup (BI40672-BSD1) LCS Dup							Prepared & Analyzed: 09/10/2024				
Dichlorodifluoromethane	55.9		ug/L	50.0		112	40-160		2.59	30	
Ethyl Benzene	50.9		"	50.0		102	70-130		6.03	30	
Hexachlorobutadiene	52.8		"	50.0		106	83-133		5.31	30	
Isopropylbenzene	52.5		"	50.0		105	70-130		6.09	30	
Methyl acetate	44.5		"	50.0		89.0	70-130		11.4	30	
Methyl tert-butyl ether (MTBE)	52.7		"	50.0		105	70-130		7.15	30	
Methylcyclohexane	48.4		"	50.0		96.9	70-130		6.96	30	
Methylene chloride	46.8		"	50.0		93.5	70-130		5.36	30	
n-Butylbenzene	52.1		"	50.0		104	80-130		5.97	30	
n-Propylbenzene	51.8		"	50.0		104	74-136		5.69	30	
o-Xylene	49.6		"	50.0		99.3	70-130		5.59	30	
p- & m- Xylenes	99.3		"	100		99.3	70-130		6.21	30	
p-Isopropyltoluene	53.9		"	50.0		108	85-125		5.86	30	
sec-Butylbenzene	52.3		"	50.0		105	83-125		6.05	30	
Styrene	51.9		"	50.0		104	70-130		6.26	30	
tert-Butyl alcohol (TBA)	276		"	250		110	70-130		16.0	30	
tert-Butylbenzene	45.1		"	50.0		90.3	80-127		5.28	30	
Tetrachloroethylene	45.5		"	50.0		91.1	70-130		6.70	30	
Toluene	49.8		"	50.0		99.7	70-130		6.63	30	
trans-1,2-Dichloroethylene	49.4		"	50.0		98.8	70-130		5.98	30	
trans-1,3-Dichloropropylene	53.2		"	50.0		106	70-130		7.54	30	
Trichloroethylene	50.4		"	50.0		101	70-130		8.06	30	
Trichlorofluoromethane	49.4		"	50.0		98.7	40-160		5.75	30	
Vinyl Chloride	48.9		"	50.0		97.9	70-130		4.94	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40672 - EPA 5035A											
Matrix Spike (BI40672-MS1) Matrix Spike	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	33.9		ug/L	50.0	0.00	67.8	15-161			33	
1,1,1-Trichloroethane	50.4		"	50.0	0.00	101	70-130			30	
1,1,2,2-Tetrachloroethane	35.4		"	50.0	0.00	70.9	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.0		"	50.0	0.00	106	70-130			30	
1,1,2-Trichloroethane	41.7		"	50.0	0.00	83.5	70-130			30	
1,1-Dichloroethane	50.3		"	50.0	0.00	101	70-130			30	
1,1-Dichloroethylene	57.3		"	50.0	0.00	115	70-130			30	
1,1-Dichloropropylene	50.9		"	50.0	0.00	102	40-133			28	
1,2,3-Trichlorobenzene	7.37		"	50.0	0.00	14.7	70-130	Low Bias		30	
1,2,3-Trichloropropane	40.4		"	50.0	0.00	80.8	38-155			48	
1,2,4-Trichlorobenzene	8.32		"	50.0	0.00	16.6	70-130	Low Bias		30	
1,2,4-Trimethylbenzene	24.0		"	50.0	0.00	48.0	10-170			242	
1,2-Dibromo-3-chloropropane	25.0		"	50.0	0.00	49.9	40-160			30	
1,2-Dibromoethane	39.8		"	50.0	0.00	79.7	70-130			30	
1,2-Dichlorobenzene	17.3		"	50.0	0.00	34.7	70-130	Low Bias		30	
1,2-Dichloroethane	46.8		"	50.0	0.00	93.6	70-130			30	
1,2-Dichloropropane	46.4		"	50.0	0.00	92.9	70-130			30	
1,3,5-Trimethylbenzene	27.6		"	50.0	0.00	55.1	10-150			62	
1,3-Dichlorobenzene	18.3		"	50.0	0.00	36.7	70-130	Low Bias		30	
1,3-Dichloropropane	42.6		"	50.0	0.00	85.2	43-142			36	
1,4-Dichlorobenzene	17.9		"	50.0	0.00	35.8	70-130	Low Bias		30	
1,4-Dioxane	1610		"	1050	0.00	153	40-160			30	
2,2-Dichloropropane	49.6		"	50.0	0.00	99.3	38-130			31	
2-Butanone	48.6		"	50.0	0.00	97.3	40-160			30	
2-Chlorotoluene	25.2		"	50.0	0.00	50.3	14-144			49	
2-Hexanone	44.7		"	50.0	0.00	89.3	40-160			30	
4-Chlorotoluene	24.3		"	50.0	0.00	48.6	15-138			39	
4-Methyl-2-pentanone	37.6		"	50.0	0.00	75.3	40-160			30	
Acetone	36.5		"	50.0	0.00	72.9	40-160			30	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	49.3		"	50.0	0.00	98.5	13-161			48	
Benzene	48.2		"	50.0	0.00	96.4	70-130			30	
Bromobenzene	26.6		"	50.0	0.00	53.2	23-142			44	
Bromochloromethane	46.3		"	50.0	0.00	92.6	70-130			30	
Bromodichloromethane	43.3		"	50.0	0.00	86.6	70-130			30	
Bromoform	31.5		"	50.0	0.00	63.0	70-130	Low Bias		30	
Bromomethane	44.1		"	50.0	0.00	88.3	40-160			30	
Carbon disulfide	23.2		"	50.0	0.00	46.5	40-160			30	
Carbon tetrachloride	50.5		"	50.0	0.00	101	70-130			30	
Chlorobenzene	30.8		"	50.0	0.00	61.5	70-130	Low Bias		30	
Chloroethane	51.5		"	50.0	0.00	103	40-160			30	
Chloroform	48.0		"	50.0	0.00	95.9	70-130			30	
Chloromethane	35.2		"	50.0	0.00	70.4	40-160			30	
cis-1,2-Dichloroethylene	47.8		"	50.0	0.00	95.5	70-130			30	
cis-1,3-Dichloropropylene	34.3		"	50.0	0.00	68.5	70-130	Low Bias		30	
Cyclohexane	49.8		"	50.0	0.00	99.6	70-130			30	
Dibromochloromethane	37.1		"	50.0	0.00	74.3	70-130			30	
Dibromomethane	42.8		"	50.0	0.00	85.7	47-143			41	
Dichlorodifluoromethane	23.8		"	50.0	0.00	47.5	40-160			30	
Ethyl Benzene	35.8		"	50.0	0.00	71.6	70-130			30	
Hexachlorobutadiene	8.56		"	50.0	0.00	17.1	10-158			45	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40672 - EPA 5035A											
Matrix Spike (BI40672-MS1) Matrix Spike	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/10/2024			
Isopropylbenzene	33.9		ug/L	50.0	0.00	67.9	70-130	Low Bias		30	
Methyl acetate	46.9		"	50.0	1.53	90.7	70-130			30	
Methyl tert-butyl ether (MTBE)	46.7		"	50.0	0.00	93.4	70-130			30	
Methylcyclohexane	39.9		"	50.0	0.00	79.7	70-130			30	
Methylene chloride	49.8		"	50.0	0.00	99.6	70-130			30	
n-Butylbenzene	18.7		"	50.0	0.00	37.3	10-162			96	
n-Propylbenzene	29.3		"	50.0	0.00	58.6	10-155			56	
o-Xylene	30.9		"	50.0	0.00	61.8	70-130	Low Bias		30	
p- & m- Xylenes	65.6		"	100	0.00	65.6	70-130	Low Bias		30	
p-Isopropyltoluene	23.7		"	50.0	0.00	47.3	10-147			60	
sec-Butylbenzene	24.7		"	50.0	0.00	49.5	10-157			56	
Styrene	8.17		"	50.0	0.00	16.3	70-130	Low Bias		30	
tert-Butyl alcohol (TBA)	311		"	250	0.00	124	34-179			35	
tert-Butylbenzene	23.9		"	50.0	0.00	47.7	10-160			79	
Tetrachloroethylene	35.3		"	50.0	0.00	70.7	70-130			30	
Toluene	41.5		"	50.0	0.00	83.1	70-130			30	
trans-1,2-Dichloroethylene	49.5		"	50.0	0.00	98.9	70-130			30	
trans-1,3-Dichloropropylene	33.2		"	50.0	0.00	66.4	70-130	Low Bias		30	
Trichloroethylene	44.7		"	50.0	0.00	89.4	70-130			30	
Trichlorofluoromethane	53.8		"	50.0	0.00	108	40-160			30	
Vinyl Chloride	43.4		"	50.0	0.00	86.7	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.3*		*"*	*50.0*		*109*	*76-130*				
Matrix Spike Dup (BI40672-M Matrix Spike Dup	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	48.0		ug/L	50.0	0.00	96.0	15-161		34.5	33	Non-dir.
1,1,1-Trichloroethane	56.6		"	50.0	0.00	113	70-130		11.6	30	
1,1,2,2-Tetrachloroethane	50.0		"	50.0	0.00	100	70-130		34.1	30	Non-dir.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.6		"	50.0	0.00	113	70-130		6.71	30	
1,1,2-Trichloroethane	49.5		"	50.0	0.00	98.9	70-130		16.9	30	
1,1-Dichloroethane	53.6		"	50.0	0.00	107	70-130		6.37	30	
1,1-Dichloroethylene	58.7		"	50.0	0.00	117	70-130		2.45	30	
1,1-Dichloropropylene	58.0		"	50.0	0.00	116	40-133		13.0	28	
1,2,3-Trichlorobenzene	23.7		"	50.0	0.00	47.4	70-130	Low Bias	105	30	Non-dir.
1,2,3-Trichloropropane	51.3		"	50.0	0.00	103	38-155		23.9	48	
1,2,4-Trichlorobenzene	25.5		"	50.0	0.00	50.9	70-130	Low Bias	101	30	Non-dir.
1,2,4-Trimethylbenzene	44.2		"	50.0	0.00	88.5	10-170		59.3	242	
1,2-Dibromo-3-chloropropane	43.4		"	50.0	0.00	86.7	40-160		53.9	30	Non-dir.
1,2-Dibromoethane	48.7		"	50.0	0.00	97.4	70-130		19.9	30	
1,2-Dichlorobenzene	36.1		"	50.0	0.00	72.3	70-130		70.4	30	Non-dir.
1,2-Dichloroethane	52.2		"	50.0	0.00	104	70-130		10.9	30	
1,2-Dichloropropane	51.8		"	50.0	0.00	104	70-130		11.0	30	
1,3,5-Trimethylbenzene	46.8		"	50.0	0.00	93.5	10-150		51.6	62	
1,3-Dichlorobenzene	37.2		"	50.0	0.00	74.4	70-130		67.9	30	Non-dir.
1,3-Dichloropropane	50.0		"	50.0	0.00	100	43-142		16.1	36	
1,4-Dichlorobenzene	36.3		"	50.0	0.00	72.6	70-130		67.8	30	Non-dir.
1,4-Dioxane	1300		"	1050	0.00	123	40-160		21.3	30	
2,2-Dichloropropane	57.1		"	50.0	0.00	114	38-130		14.0	31	
2-Butanone	50.7		"	50.0	0.00	101	40-160		4.17	30	
2-Chlorotoluene	45.2		"	50.0	0.00	90.5	14-144		57.0	49	Non-dir.

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40672 - EPA 5035A											
Matrix Spike Dup (BI40672-M Matrix Spike Dup	*Source sample: 24I0367-01 (PE24_15)								Prepared & Analyzed: 09/10/2024		
2-Hexanone	52.2		ug/L	50.0	0.00	104	40-160		15.6	30	
4-Chlorotoluene	44.2		"	50.0	0.00	88.3	15-138		58.0	39	Non-dir.
4-Methyl-2-pentanone	40.6		"	50.0	0.00	81.1	40-160		7.44	30	
Acetone	34.1		"	50.0	0.00	68.2	40-160		6.69	30	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	53.4		"	50.0	0.00	107	13-161		8.08	48	
Benzene	54.6		"	50.0	0.00	109	70-130		12.4	30	
Bromobenzene	44.9		"	50.0	0.00	89.7	23-142		51.1	44	Non-dir.
Bromochloromethane	49.7		"	50.0	0.00	99.4	70-130		7.15	30	
Bromodichloromethane	50.6		"	50.0	0.00	101	70-130		15.5	30	
Bromoform	46.4		"	50.0	0.00	92.7	70-130		38.1	30	Non-dir.
Bromomethane	46.2		"	50.0	0.00	92.3	40-160		4.50	30	
Carbon disulfide	40.5		"	50.0	0.00	81.0	40-160		54.2	30	Non-dir.
Carbon tetrachloride	57.4		"	50.0	0.00	115	70-130		12.8	30	
Chlorobenzene	46.1		"	50.0	0.00	92.3	70-130		40.0	30	Non-dir.
Chloroethane	49.5		"	50.0	0.00	99.0	40-160		3.84	30	
Chloroform	53.2		"	50.0	0.00	106	70-130		10.5	30	
Chloromethane	35.9		"	50.0	0.00	71.8	40-160		1.94	30	
cis-1,2-Dichloroethylene	53.4		"	50.0	0.00	107	70-130		11.2	30	
cis-1,3-Dichloropropylene	46.2		"	50.0	0.00	92.4	70-130		29.7	30	
Cyclohexane	55.4		"	50.0	0.00	111	70-130		10.7	30	
Dibromochloromethane	48.5		"	50.0	0.00	96.9	70-130		26.4	30	
Dibromomethane	47.8		"	50.0	0.00	95.5	47-143		10.8	41	
Dichlorodifluoromethane	20.6		"	50.0	0.00	41.3	40-160		14.0	30	
Ethyl Benzene	51.4		"	50.0	0.00	103	70-130		35.8	30	Non-dir.
Hexachlorobutadiene	27.5		"	50.0	0.00	55.1	10-158		105	45	Non-dir.
Isopropylbenzene	53.2		"	50.0	0.00	106	70-130		44.3	30	Non-dir.
Methyl acetate	70.4		"	50.0	1.53	138	70-130	High Bias	40.1	30	Non-dir.
Methyl tert-butyl ether (MTBE)	49.5		"	50.0	0.00	99.0	70-130		5.78	30	
Methylcyclohexane	48.9		"	50.0	0.00	97.9	70-130		20.4	30	
Methylene chloride	51.8		"	50.0	0.00	104	70-130		3.88	30	
n-Butylbenzene	39.2		"	50.0	0.00	78.4	10-162		70.9	96	
n-Propylbenzene	49.4		"	50.0	0.00	98.8	10-155		51.0	56	
o-Xylene	47.9		"	50.0	0.00	95.8	70-130		43.2	30	Non-dir.
p- & m- Xylenes	97.2		"	100	0.00	97.2	70-130		38.8	30	Non-dir.
p-Isopropyltoluene	45.4		"	50.0	0.00	90.7	10-147		62.8	60	Non-dir.
sec-Butylbenzene	47.2		"	50.0	0.00	94.4	10-157		62.4	56	Non-dir.
Styrene	28.0		"	50.0	0.00	56.0	70-130	Low Bias	110	30	Non-dir.
tert-Butyl alcohol (TBA)	303		"	250	0.00	121	34-179		2.46	35	
tert-Butylbenzene	42.8		"	50.0	0.00	85.6	10-160		56.8	79	
Tetrachloroethylene	46.9		"	50.0	0.00	93.8	70-130		28.1	30	
Toluene	52.0		"	50.0	0.00	104	70-130		22.4	30	
trans-1,2-Dichloroethylene	54.5		"	50.0	0.00	109	70-130		9.73	30	
trans-1,3-Dichloropropylene	46.4		"	50.0	0.00	92.9	70-130		33.2	30	Non-dir.
Trichloroethylene	53.0		"	50.0	0.00	106	70-130		16.9	30	
Trichlorofluoromethane	53.5		"	50.0	0.00	107	40-160		0.578	30	
Vinyl Chloride	41.4		"	50.0	0.00	82.8	70-130		4.62	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.1*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.2*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
Blank (BI40676-BLK1) Blank									Prepared & Analyzed: 09/10/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.140	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
Blank (BI40676-BLK1) Blank								Prepared & Analyzed: 09/10/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.79*		*"*	*10.0*		*97.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*8.59*		*"*	*10.0*		*85.9*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.02*		*"*	*10.0*		*90.2*	*70-130*				
LCS (BI40676-BS1) LCS								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	9.59		ug/L	10.0		95.9	82-126			30	
1,1,1-Trichloroethane	11.0		"	10.0		110	70-130			20	
1,1,2,2-Tetrachloroethane	8.45		"	10.0		84.5	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	70-130			20	
1,1,2-Trichloroethane	8.79		"	10.0		87.9	70-130			20	
1,1-Dichloroethane	11.4		"	10.0		114	70-130			20	
1,1-Dichloroethylene	12.3		"	10.0		123	70-130			20	
1,1-Dichloropropylene	12.2		"	10.0		122	83-133			30	
1,2,3-Trichlorobenzene	7.08		"	10.0		70.8	70-130			20	
1,2,3-Trichloropropane	8.08		"	10.0		80.8	77-128			30	
1,2,4-Trichlorobenzene	7.63		"	10.0		76.3	70-130			20	
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132			20	
1,2-Dibromo-3-chloropropane	6.56		"	10.0		65.6	40-160			20	
1,2-Dibromoethane	8.77		"	10.0		87.7	70-130			20	
1,2-Dichlorobenzene	8.99		"	10.0		89.9	70-130			20	
1,2-Dichloroethane	10.0		"	10.0		100	70-130			20	
1,2-Dichloropropane	10.0		"	10.0		100	70-130			20	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131			30	
1,3-Dichlorobenzene	9.43		"	10.0		94.3	70-130			20	
1,3-Dichloropropane	8.92		"	10.0		89.2	81-125			30	
1,4-Dichlorobenzene	9.07		"	10.0		90.7	70-130			20	
1,4-Dioxane	151		"	210		72.1	40-160			20	
2,2-Dichloropropane	12.0		"	10.0		120	56-150			30	
2-Butanone	6.13		"	10.0		61.3	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
LCS (BI40676-BS1) LCS								Prepared & Analyzed: 09/10/2024			
2-Chlorotoluene	10.0		ug/L	10.0		100	79-130			30	
2-Hexanone	7.07		"	10.0		70.7	40-160			20	
4-Chlorotoluene	9.99		"	10.0		99.9	79-128			30	
4-Methyl-2-pentanone	6.33		"	10.0		63.3	40-160			20	
Acetone	8.47		"	10.0		84.7	40-160			20	
Acrolein	2.41		"	10.0		24.1	10-153			30	
Acrylonitrile	9.04		"	10.0		90.4	51-150			30	
Benzene	12.2		"	10.0		122	70-130			20	
Bromobenzene	9.33		"	10.0		93.3	78-129			30	
Bromochloromethane	10.3		"	10.0		103	70-130			20	
Bromodichloromethane	8.69		"	10.0		86.9	70-130			20	
Bromoform	5.77		"	10.0		57.7	70-130	Low Bias		20	
Bromomethane	11.4		"	10.0		114	40-160			20	
Carbon disulfide	11.5		"	10.0		115	40-160			20	
Carbon tetrachloride	11.3		"	10.0		113	70-130			20	
Chlorobenzene	10.2		"	10.0		102	70-130			20	
Chloroethane	10.6		"	10.0		106	40-160			20	
Chloroform	11.0		"	10.0		110	70-130			20	
Chloromethane	12.7		"	10.0		127	40-160			20	
cis-1,2-Dichloroethylene	11.5		"	10.0		115	70-130			20	
cis-1,3-Dichloropropylene	8.88		"	10.0		88.8	70-130			20	
Cyclohexane	5.96		"	10.0		59.6	70-130	Low Bias		20	
Dibromochloromethane	8.10		"	10.0		81.0	70-130			20	
Dibromomethane	8.34		"	10.0		83.4	72-134			30	
Dichlorodifluoromethane	15.2		"	10.0		152	40-160			20	
Ethyl Benzene	11.1		"	10.0		111	70-130			20	
Hexachlorobutadiene	8.03		"	10.0		80.3	67-146			30	
Isopropylbenzene	10.8		"	10.0		108	70-130			20	
Methyl acetate	8.63		"	10.0		86.3	70-130			20	
Methyl tert-butyl ether (MTBE)	9.15		"	10.0		91.5	70-130			20	
Methylcyclohexane	10.3		"	10.0		103	70-130			20	
Methylene chloride	10.7		"	10.0		107	70-130			20	
n-Butylbenzene	9.84		"	10.0		98.4	79-132			30	
n-Propylbenzene	10.6		"	10.0		106	78-133			30	
o-Xylene	10.6		"	10.0		106	70-130			20	
p- & m- Xylenes	21.7		"	20.0		108	70-130			20	
p-Isopropyltoluene	10.5		"	10.0		105	81-136			30	
sec-Butylbenzene	10.2		"	10.0		102	79-137			30	
Styrene	11.0		"	10.0		110	70-130			20	
tert-Butyl alcohol (TBA)	22.7		"	50.0		45.5	25-162			30	
tert-Butylbenzene	9.12		"	10.0		91.2	77-138			30	
Tetrachloroethylene	10.3		"	10.0		103	70-130			20	
Toluene	10.5		"	10.0		105	70-130			20	
trans-1,2-Dichloroethylene	12.0		"	10.0		120	70-130			20	
trans-1,3-Dichloropropylene	8.26		"	10.0		82.6	70-130			20	
Trichloroethylene	10.3		"	10.0		103	70-130			20	
Trichlorofluoromethane	10.8		"	10.0		108	40-160			20	
Vinyl Chloride	12.0		"	10.0		120	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.31*		*"*	*10.0*		*83.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.14*		*"*	*10.0*		*91.4*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.52*		*"*	*10.0*		*95.2*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
LCS (BI40676-BS1) LCS								Prepared & Analyzed: 09/10/2024			
LCS Dup (BI40676-BSD1) LCS Dup								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		5.18	30	
1,1,1-Trichloroethane	11.0		"	10.0		110	70-130		0.182	20	
1,1,2,2-Tetrachloroethane	9.56		"	10.0		95.6	70-130		12.3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	70-130		1.85	20	
1,1,2-Trichloroethane	9.85		"	10.0		98.5	70-130		11.4	20	
1,1-Dichloroethane	11.4		"	10.0		114	70-130		0.351	20	
1,1-Dichloroethylene	12.0		"	10.0		120	70-130		2.22	20	
1,1-Dichloropropylene	12.1		"	10.0		121	83-133		0.578	30	
1,2,3-Trichlorobenzene	8.33		"	10.0		83.3	70-130		16.2	20	
1,2,3-Trichloropropane	9.18		"	10.0		91.8	77-128		12.7	30	
1,2,4-Trichlorobenzene	8.56		"	10.0		85.6	70-130		11.5	20	
1,2,4-Trimethylbenzene	9.73		"	10.0		97.3	82-132		2.84	20	
1,2-Dibromo-3-chloropropane	7.59		"	10.0		75.9	40-160		14.6	20	
1,2-Dibromoethane	9.70		"	10.0		97.0	70-130		10.1	20	
1,2-Dichlorobenzene	9.51		"	10.0		95.1	70-130		5.62	20	
1,2-Dichloroethane	11.3		"	10.0		113	70-130		11.7	20	
1,2-Dichloropropane	10.3		"	10.0		103	70-130		2.76	20	
1,3,5-Trimethylbenzene	9.89		"	10.0		98.9	80-131		4.64	30	
1,3-Dichlorobenzene	9.47		"	10.0		94.7	70-130		0.423	20	
1,3-Dichloropropane	9.95		"	10.0		99.5	81-125		10.9	30	
1,4-Dichlorobenzene	9.18		"	10.0		91.8	70-130		1.21	20	
1,4-Dioxane	193		"	210		92.1	40-160		24.3	20	Non-dir.
2,2-Dichloropropane	12.0		"	10.0		120	56-150		0.833	30	
2-Butanone	8.70		"	10.0		87.0	40-160		34.7	20	Non-dir.
2-Chlorotoluene	9.60		"	10.0		96.0	79-130		4.08	30	
2-Hexanone	9.06		"	10.0		90.6	40-160		24.7	20	Non-dir.
4-Chlorotoluene	9.81		"	10.0		98.1	79-128		1.82	30	
4-Methyl-2-pentanone	7.73		"	10.0		77.3	40-160		19.9	20	
Acetone	9.12		"	10.0		91.2	40-160		7.39	20	
Acrolein	2.56		"	10.0		25.6	10-153		6.04	30	
Acrylonitrile	11.3		"	10.0		113	51-150		22.0	30	
Benzene	12.5		"	10.0		125	70-130		2.58	20	
Bromobenzene	9.43		"	10.0		94.3	78-129		1.07	30	
Bromochloromethane	11.3		"	10.0		113	70-130		9.29	20	
Bromodichloromethane	9.01		"	10.0		90.1	70-130		3.62	20	
Bromoform	6.79		"	10.0		67.9	70-130	Low Bias	16.2	20	
Bromomethane	11.1		"	10.0		111	40-160		2.57	20	
Carbon disulfide	11.2		"	10.0		112	40-160		2.38	20	
Carbon tetrachloride	11.3		"	10.0		113	70-130		0.0886	20	
Chlorobenzene	10.2		"	10.0		102	70-130		0.685	20	
Chloroethane	10.3		"	10.0		103	40-160		2.68	20	
Chloroform	11.4		"	10.0		114	70-130		3.93	20	
Chloromethane	12.4		"	10.0		124	40-160		2.71	20	
cis-1,2-Dichloroethylene	11.8		"	10.0		118	70-130		3.35	20	
cis-1,3-Dichloropropylene	9.30		"	10.0		93.0	70-130		4.62	20	
Cyclohexane	5.92		"	10.0		59.2	70-130	Low Bias	0.673	20	
Dibromochloromethane	9.05		"	10.0		90.5	70-130		11.1	20	
Dibromomethane	9.45		"	10.0		94.5	72-134		12.5	30	
Dichlorodifluoromethane	14.8		"	10.0		148	40-160		2.34	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
LCS Dup (BI40676-BSD1) LCS Dup								Prepared & Analyzed: 09/10/2024			
Ethyl Benzene	10.9		ug/L	10.0		109	70-130		1.72	20	
Hexachlorobutadiene	8.38		"	10.0		83.8	67-146		4.27	30	
Isopropylbenzene	10.0		"	10.0		100	70-130		7.95	20	
Methyl acetate	10.6		"	10.0		106	70-130		20.2	20	Non-dir.
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130		21.7	20	Non-dir.
Methylcyclohexane	9.76		"	10.0		97.6	70-130		5.09	20	
Methylene chloride	11.3		"	10.0		113	70-130		5.44	20	
n-Butylbenzene	9.65		"	10.0		96.5	79-132		1.95	30	
n-Propylbenzene	9.99		"	10.0		99.9	78-133		6.11	30	
o-Xylene	10.5		"	10.0		105	70-130		0.665	20	
p- & m- Xylenes	21.4		"	20.0		107	70-130		1.11	20	
p-Isopropyltoluene	10.1		"	10.0		101	81-136		3.89	30	
sec-Butylbenzene	9.83		"	10.0		98.3	79-137		4.18	30	
Styrene	11.4		"	10.0		114	70-130		2.77	20	
tert-Butyl alcohol (TBA)	33.3		"	50.0		66.6	25-162		37.7	30	Non-dir.
tert-Butylbenzene	8.53		"	10.0		85.3	77-138		6.69	30	
Tetrachloroethylene	9.94		"	10.0		99.4	70-130		3.36	20	
Toluene	10.2		"	10.0		102	70-130		2.99	20	
trans-1,2-Dichloroethylene	11.9		"	10.0		119	70-130		0.585	20	
trans-1,3-Dichloropropylene	9.31		"	10.0		93.1	70-130		12.0	20	
Trichloroethylene	9.66		"	10.0		96.6	70-130		6.12	20	
Trichlorofluoromethane	10.5		"	10.0		105	40-160		2.82	20	
Vinyl Chloride	11.7		"	10.0		117	70-130		2.86	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.33*		*"*	*10.0*		*93.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*8.89*		*"*	*10.0*		*88.9*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.43*		*"*	*10.0*		*94.3*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40554 - EPA 3550C											
Blank (BI40554-BLK1) Blank									Prepared: 09/10/2024 Analyzed: 09/11/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40554 - EPA 3550C											
Blank (BI40554-BLK1) Blank									Prepared: 09/10/2024 Analyzed: 09/11/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.42*		"	*1.66*		*85.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.37*		"	*1.66*		*82.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.854*		"	*0.831*		*103*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.774*		"	*0.831*		*93.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.62*		"	*1.66*		*97.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.831*		"	*0.831*		*100*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40554 - EPA 3550C											
LCS (BI40554-BS1) LCS									Prepared: 09/10/2024 Analyzed: 09/11/2024		
1,1-Biphenyl	0.718	0.0416	mg/kg wet	0.831		86.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.684	0.0830	"	0.831		82.4	21-131				
1,2,4-Trichlorobenzene	0.662	0.0416	"	0.831		79.8	10-140				
1,2-Dichlorobenzene	0.608	0.0416	"	0.831		73.2	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.730	0.0416	"	0.831		87.9	17-137				
1,3-Dichlorobenzene	0.611	0.0416	"	0.831		73.5	33-110				
1,4-Dichlorobenzene	0.626	0.0416	"	0.831		75.3	32-104				
2,3,4,6-Tetrachlorophenol	0.921	0.0830	"	0.831		111	30-130				
2,4,5-Trichlorophenol	0.774	0.0416	"	0.831		93.2	27-118				
2,4,6-Trichlorophenol	0.766	0.0416	"	0.831		92.2	31-120				
2,4-Dichlorophenol	0.769	0.0416	"	0.831		92.6	20-127				
2,4-Dimethylphenol	0.634	0.0416	"	0.831		76.3	14-132				
2,4-Dinitrophenol	0.835	0.0830	"	0.831		101	10-171				
2,4-Dinitrotoluene	0.977	0.0416	"	0.831		118	34-131				
2,6-Dinitrotoluene	0.926	0.0416	"	0.831		111	31-128				
2-Chloronaphthalene	0.696	0.0416	"	0.831		83.8	31-117				
2-Chlorophenol	0.680	0.0416	"	0.831		81.8	33-113				
2-Methylnaphthalene	0.675	0.0416	"	0.831		81.3	12-138				
2-Methylphenol	0.661	0.0416	"	0.831		79.6	10-136				
2-Nitroaniline	0.840	0.0830	"	0.831		101	27-132				
2-Nitrophenol	0.805	0.0416	"	0.831		96.9	17-129				
3- & 4-Methylphenols	0.559	0.0416	"	0.831		67.3	29-103				
3,3-Dichlorobenzidine	0.540	0.0416	"	0.831		65.0	22-149				
3-Nitroaniline	0.683	0.0830	"	0.831		82.2	20-133				
4,6-Dinitro-2-methylphenol	0.777	0.0830	"	0.831		93.5	10-143				
4-Bromophenyl phenyl ether	0.684	0.0416	"	0.831		82.4	29-120				
4-Chloro-3-methylphenol	0.787	0.0416	"	0.831		94.7	24-129				
4-Chloroaniline	0.451	0.0416	"	0.831		54.4	10-132				
4-Chlorophenyl phenyl ether	0.713	0.0416	"	0.831		85.8	27-124				
4-Nitroaniline	0.759	0.0830	"	0.831		91.4	16-128				
4-Nitrophenol	0.809	0.0830	"	0.831		97.4	10-141				
Acenaphthene	0.677	0.0416	"	0.831		81.5	30-121				
Acenaphthylene	0.668	0.0416	"	0.831		80.5	30-115				
Acetophenone	0.648	0.0416	"	0.831		78.0	20-112				
Aniline	0.296	0.166	"	0.831		35.7	10-119				
Anthracene	0.707	0.0416	"	0.831		85.1	34-118				
Atrazine	0.760	0.0416	"	0.831		91.5	26-112				
Benzaldehyde	0.367	0.0416	"	0.831		44.2	21-100				
Benzo(a)anthracene	0.724	0.0416	"	0.831		87.2	32-122				
Benzo(a)pyrene	0.665	0.0416	"	0.831		80.1	29-133				
Benzo(b)fluoranthene	0.686	0.0416	"	0.831		82.6	25-133				
Benzo(g,h,i)perylene	0.728	0.0416	"	0.831		87.6	10-143				
Benzo(k)fluoranthene	0.624	0.0416	"	0.831		75.2	25-128				
Benzoic acid	0.624	0.0416	"	0.831		75.2	10-140				
Benzyl alcohol	0.624	0.0416	"	0.831		75.2	30-115				
Benzyl butyl phthalate	0.797	0.0416	"	0.831		96.0	26-126				
Bis(2-chloroethoxy)methane	0.629	0.0416	"	0.831		75.7	19-132				
Bis(2-chloroethyl)ether	0.629	0.0416	"	0.831		75.7	19-125				
Bis(2-chloroisopropyl)ether	0.539	0.0416	"	0.831		64.9	20-135				
Bis(2-ethylhexyl)phthalate	0.753	0.0416	"	0.831		90.6	10-155				
Caprolactam	0.766	0.0830	"	0.831		92.2	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40554 - EPA 3550C											
LCS (BI40554-BS1) LCS									Prepared: 09/10/2024 Analyzed: 09/11/2024		
Carbazole	0.709	0.0416	mg/kg wet	0.831		85.4	35-123				
Chrysene	0.672	0.0416	"	0.831		80.9	32-123				
Dibenzo(a,h)anthracene	0.751	0.0416	"	0.831		90.4	10-136				
Dibenzofuran	0.702	0.0416	"	0.831		84.5	29-121				
Diethyl phthalate	0.757	0.0416	"	0.831		91.2	34-116				
Dimethyl phthalate	0.725	0.0416	"	0.831		87.2	35-124				
Di-n-butyl phthalate	0.773	0.0416	"	0.831		93.0	31-116				
Di-n-octyl phthalate	0.822	0.0416	"	0.831		99.0	26-136				
Fluoranthene	0.722	0.0416	"	0.831		86.9	33-122				
Fluorene	0.716	0.0416	"	0.831		86.2	29-123				
Hexachlorobenzene	0.822	0.0416	"	0.831		98.9	21-124				
Hexachlorobutadiene	0.666	0.0416	"	0.831		80.2	10-149				
Hexachlorocyclopentadiene	0.131	0.0416	"	0.831		15.7	10-129				
Hexachloroethane	0.642	0.0416	"	0.831		77.3	28-108				
Indeno(1,2,3-cd)pyrene	0.932	0.0416	"	0.831		112	10-135				
Isophorone	0.689	0.0416	"	0.831		82.9	20-132				
Naphthalene	0.669	0.0416	"	0.831		80.6	23-124				
Nitrobenzene	0.753	0.0416	"	0.831		90.7	13-132				
N-Nitrosodimethylamine	0.550	0.0416	"	0.831		66.2	11-129				
N-nitroso-di-n-propylamine	0.613	0.0416	"	0.831		73.8	24-119				
N-Nitrosodiphenylamine	0.728	0.0416	"	0.831		87.7	22-152				
Pentachlorophenol	0.685	0.0416	"	0.831		82.5	10-139				
Phenanthrene	0.730	0.0416	"	0.831		87.8	33-123				
Phenol	0.668	0.0416	"	0.831		80.4	23-115				
Pyrene	0.753	0.0416	"	0.831		90.6	24-130				
Pyridine	0.510	0.166	"	0.831		61.4	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.24*		"	*1.66*		*74.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.17*		"	*1.66*		*70.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.790*		"	*0.831*		*95.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.679*		"	*0.831*		*81.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.34*		"	*1.66*		*80.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.741*		"	*0.831*		*89.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40631 - EPA 3550C											
Blank (BI40631-BLK1) Blank									Prepared & Analyzed: 09/11/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40631 - EPA 3550C											
Blank (BI40631-BLK1) Blank									Prepared & Analyzed: 09/11/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.55*		"	*1.66*		*93.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.37*		"	*1.66*		*82.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.705*		"	*0.831*		*84.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.783*		"	*0.831*		*94.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.38*		"	*1.66*		*143*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.894*		"	*0.831*		*108*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40631 - EPA 3550C											
LCS (BI40631-BS1) LCS								Prepared & Analyzed: 09/11/2024			
1,1-Biphenyl	0.736	0.0416	mg/kg wet	0.831		88.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.831	0.0830	"	0.831		100	21-131				
1,2,4-Trichlorobenzene	0.900	0.0416	"	1.25		72.2	10-140				
1,2-Dichlorobenzene	0.712	0.0416	"	1.25		57.1	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.519	0.0416	"	1.25		41.7	17-137				
1,3-Dichlorobenzene	0.710	0.0416	"	1.25		57.0	33-110				
1,4-Dichlorobenzene	0.716	0.0416	"	1.25		57.5	32-104				
2,3,4,6-Tetrachlorophenol	1.08	0.0830	"	1.25		87.0	30-130				
2,4,5-Trichlorophenol	1.05	0.0416	"	1.25		84.1	27-118				
2,4,6-Trichlorophenol	1.00	0.0416	"	1.25		80.5	31-120				
2,4-Dichlorophenol	0.973	0.0416	"	1.25		78.1	20-127				
2,4-Dimethylphenol	0.745	0.0416	"	1.25		59.8	14-132				
2,4-Dinitrophenol	0.878	0.0830	"	1.25		70.5	10-171				
2,4-Dinitrotoluene	0.705	0.0416	"	1.25		56.6	34-131				
2,6-Dinitrotoluene	0.734	0.0416	"	1.25		58.9	31-128				
2-Chloronaphthalene	0.730	0.0416	"	1.25		58.6	31-117				
2-Chlorophenol	0.754	0.0416	"	1.25		60.5	33-113				
2-Methylnaphthalene	0.769	0.0416	"	1.25		61.7	12-138				
2-Methylphenol	0.683	0.0416	"	1.25		54.8	10-136				
2-Nitroaniline	0.736	0.0830	"	1.25		59.0	27-132				
2-Nitrophenol	0.663	0.0416	"	1.25		53.3	17-129				
3- & 4-Methylphenols	0.603	0.0416	"	1.25		48.4	29-103				
3,3-Dichlorobenzidine	0.826	0.0416	"	0.831		99.4	22-149				
3-Nitroaniline	0.767	0.0830	"	1.25		61.6	20-133				
4,6-Dinitro-2-methylphenol	0.116	0.0830	"	1.25		9.28	10-143	Low Bias			
4-Bromophenyl phenyl ether	0.803	0.0416	"	1.25		64.4	29-120				
4-Chloro-3-methylphenol	0.858	0.0416	"	1.25		68.9	24-129				
4-Chloroaniline	0.699	0.0416	"	1.25		56.1	10-132				
4-Chlorophenyl phenyl ether	0.855	0.0416	"	1.25		68.7	27-124				
4-Nitroaniline	0.858	0.0830	"	1.25		68.9	16-128				
4-Nitrophenol	0.746	0.0830	"	1.25		59.9	10-141				
Acenaphthene	0.687	0.0416	"	1.25		55.1	30-121				
Acenaphthylene	0.699	0.0416	"	1.25		56.1	30-115				
Acetophenone	0.664	0.0416	"	0.831		79.9	20-112				
Aniline	0.539	0.166	"	1.25		43.2	10-119				
Anthracene	0.758	0.0416	"	1.25		60.8	34-118				
Atrazine	0.622	0.0416	"	0.831		74.9	26-112				
Benzaldehyde	0.617	0.0416	"	0.831		74.2	21-100				
Benzo(a)anthracene	0.754	0.0416	"	1.25		60.6	32-122				
Benzo(a)pyrene	0.785	0.0416	"	1.25		63.0	29-133				
Benzo(b)fluoranthene	0.708	0.0416	"	1.25		56.8	25-133				
Benzo(g,h,i)perylene	0.869	0.0416	"	1.25		69.8	10-143				
Benzo(k)fluoranthene	0.710	0.0416	"	1.25		57.0	25-128				
Benzoic acid	0.642	0.0416	"	0.831		77.3	10-140				
Benzyl alcohol	0.613	0.0416	"	1.25		49.2	30-115				
Benzyl butyl phthalate	0.558	0.0416	"	1.25		44.8	26-126				
Bis(2-chloroethoxy)methane	0.617	0.0416	"	1.25		49.5	19-132				
Bis(2-chloroethyl)ether	0.573	0.0416	"	1.25		46.0	19-125				
Bis(2-chloroisopropyl)ether	0.451	0.0416	"	1.25		36.2	20-135				
Bis(2-ethylhexyl)phthalate	0.545	0.0416	"	1.25		43.7	10-155				
Caprolactam	0.985	0.0830	"	0.831		119	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40631 - EPA 3550C											
LCS (BI40631-BS1) LCS							Prepared & Analyzed: 09/11/2024				
Carbazole	0.720	0.0416	mg/kg wet	1.25		57.8	35-123				
Chrysene	0.727	0.0416	"	1.25		58.3	32-123				
Dibenzo(a,h)anthracene	1.14	0.0416	"	1.25		91.5	10-136				
Dibenzofuran	0.771	0.0416	"	1.25		61.9	29-121				
Diethyl phthalate	0.734	0.0416	"	1.25		58.9	34-116				
Dimethyl phthalate	0.717	0.0416	"	1.25		57.5	35-124				
Di-n-butyl phthalate	0.647	0.0416	"	1.25		51.9	31-116				
Di-n-octyl phthalate	0.556	0.0416	"	1.25		44.6	26-136				
Fluoranthene	0.865	0.0416	"	1.25		69.4	33-122				
Fluorene	0.770	0.0416	"	1.25		61.8	29-123				
Hexachlorobenzene	0.711	0.0416	"	1.25		57.1	21-124				
Hexachlorobutadiene	1.02	0.0416	"	1.25		81.5	10-149				
Hexachlorocyclopentadiene	0.146	0.0416	"	1.25		11.7	10-129				
Hexachloroethane	0.575	0.0416	"	1.25		46.2	28-108				
Indeno(1,2,3-cd)pyrene	1.03	0.0416	"	1.25		82.6	10-135				
Isophorone	0.626	0.0416	"	1.25		50.2	20-132				
Naphthalene	0.738	0.0416	"	1.25		59.3	23-124				
Nitrobenzene	0.671	0.0416	"	1.25		53.8	13-132				
N-Nitrosodimethylamine	0.434	0.0416	"	1.25		34.8	11-129				
N-nitroso-di-n-propylamine	0.572	0.0416	"	1.25		45.9	24-119				
N-Nitrosodiphenylamine	0.741	0.0416	"	1.25		59.5	22-152				
Pentachlorophenol	0.906	0.0416	"	1.25		72.7	10-139				
Phenanthrene	0.747	0.0416	"	1.25		60.0	33-123				
Phenol	0.638	0.0416	"	1.25		51.2	23-115				
Pyrene	0.689	0.0416	"	1.25		55.3	24-130				
Pyridine	0.373	0.166	"	1.25		30.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.41*		"	*1.66*		*84.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.24*		"	*1.66*		*74.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.745*		"	*0.831*		*89.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.773*		"	*0.831*		*93.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.23*		"	*1.66*		*134*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.786*		"	*0.831*		*94.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40631 - EPA 3550C											
Matrix Spike (BI40631-MS1) Matrix Spike *Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/11/2024				
1,1-Biphenyl	0.677	0.0981	mg/kg dry	0.981	ND	69.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.769	0.196	"	0.981	ND	78.4	10-133				
1,2,4-Trichlorobenzene	0.843	0.0981	"	1.47	ND	57.3	10-127				
1,2-Dichlorobenzene	0.652	0.0981	"	1.47	ND	44.3	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.504	0.0981	"	1.47	ND	34.3	10-144				
1,3-Dichlorobenzene	0.657	0.0981	"	1.47	ND	44.7	11-111				
1,4-Dichlorobenzene	0.654	0.0981	"	1.47	ND	44.4	10-106				
2,3,4,6-Tetrachlorophenol	0.924	0.196	"	1.47	ND	62.8	30-130				
2,4,5-Trichlorophenol	0.916	0.0981	"	1.47	ND	62.3	10-127				
2,4,6-Trichlorophenol	0.876	0.0981	"	1.47	ND	59.5	10-132				
2,4-Dichlorophenol	0.876	0.0981	"	1.47	ND	59.5	10-128				
2,4-Dimethylphenol	0.709	0.0981	"	1.47	ND	48.2	10-137				
2,4-Dinitrophenol	0.774	0.196	"	1.47	ND	52.6	10-171				
2,4-Dinitrotoluene	0.642	0.0981	"	1.47	ND	43.6	16-135				
2,6-Dinitrotoluene	0.676	0.0981	"	1.47	ND	46.0	18-131				
2-Chloronaphthalene	0.671	0.0981	"	1.47	ND	45.6	10-129				
2-Chlorophenol	0.667	0.0981	"	1.47	ND	45.3	15-116				
2-Methylnaphthalene	0.701	0.0981	"	1.47	ND	47.6	10-147				
2-Methylphenol	0.595	0.0981	"	1.47	ND	40.5	10-136				
2-Nitroaniline	0.647	0.196	"	1.47	ND	44.0	10-137				
2-Nitrophenol	0.654	0.0981	"	1.47	ND	44.5	10-129				
3- & 4-Methylphenols	0.544	0.0981	"	1.47	ND	37.0	10-123				
3,3-Dichlorobenzidine	0.621	0.0981	"	0.981	ND	63.3	10-155				
3-Nitroaniline	0.642	0.196	"	1.47	ND	43.6	12-133				
4,6-Dinitro-2-methylphenol	0.178	0.196	"	1.47	ND	12.1	10-155				
4-Bromophenyl phenyl ether	0.769	0.0981	"	1.47	ND	52.3	14-128				
4-Chloro-3-methylphenol	0.738	0.0981	"	1.47	ND	50.2	10-134				
4-Chloroaniline	0.596	0.0981	"	1.47	ND	40.5	10-145				
4-Chlorophenyl phenyl ether	0.759	0.0981	"	1.47	ND	51.6	14-130				
4-Nitroaniline	0.703	0.196	"	1.47	ND	47.8	10-147				
4-Nitrophenol	0.661	0.196	"	1.47	ND	45.0	10-137				
Acenaphthene	0.623	0.0981	"	1.47	ND	42.3	10-146				
Acenaphthylene	0.643	0.0981	"	1.47	ND	43.7	10-134				
Acetophenone	0.600	0.0981	"	0.981	ND	61.2	10-116				
Aniline	0.475	0.393	"	1.47	ND	32.3	10-123				
Anthracene	0.713	0.0981	"	1.47	ND	48.5	10-142				
Atrazine	0.710	0.0981	"	0.981	ND	72.4	19-115				
Benzaldehyde	0.579	0.0981	"	0.981	ND	59.0	10-125				
Benzo(a)anthracene	0.750	0.0981	"	1.47	ND	51.0	10-158				
Benzo(a)pyrene	0.806	0.0981	"	1.47	0.0494	51.4	10-180				
Benzo(b)fluoranthene	0.711	0.0981	"	1.47	ND	48.3	10-200				
Benzo(g,h,i)perylene	0.853	0.0981	"	1.47	ND	58.0	10-138				
Benzo(k)fluoranthene	0.713	0.0981	"	1.47	ND	48.5	10-197				
Benzoic acid	0.212	0.0981	"	0.981	ND	21.6	10-166				
Benzyl alcohol	0.548	0.0981	"	1.47	ND	37.2	12-124				
Benzyl butyl phthalate	0.515	0.0981	"	1.47	ND	35.0	10-154				
Bis(2-chloroethoxy)methane	0.572	0.0981	"	1.47	ND	38.9	10-132				
Bis(2-chloroethyl)ether	0.539	0.0981	"	1.47	ND	36.6	10-119				
Bis(2-chloroisopropyl)ether	0.417	0.0981	"	1.47	ND	28.3	10-139				
Bis(2-ethylhexyl)phthalate	0.554	0.0981	"	1.47	ND	37.7	10-167				
Caprolactam	0.822	0.196	"	0.981	ND	83.8	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40631 - EPA 3550C											
Matrix Spike (BI40631-MS1) Matrix Spike *Source sample: 24I0367-01 (PE24_15)								Prepared & Analyzed: 09/11/2024			
Carbazole	0.668	0.0981	mg/kg dry	1.47	ND	45.4	10-167				
Chrysene	0.738	0.0981	"	1.47	ND	50.2	10-156				
Dibenzo(a,h)anthracene	1.05	0.0981	"	1.47	ND	71.6	10-137				
Dibenzofuran	0.692	0.0981	"	1.47	ND	47.0	10-147				
Diethyl phthalate	0.649	0.0981	"	1.47	ND	44.1	20-120				
Dimethyl phthalate	0.660	0.0981	"	1.47	ND	44.9	18-131				
Di-n-butyl phthalate	0.610	0.0981	"	1.47	ND	41.4	10-137				
Di-n-octyl phthalate	0.508	0.0981	"	1.47	ND	34.6	10-180				
Fluoranthene	0.896	0.0981	"	1.47	0.0722	56.0	10-160				
Fluorene	0.686	0.0981	"	1.47	ND	46.6	10-157				
Hexachlorobenzene	0.664	0.0981	"	1.47	ND	45.2	10-137				
Hexachlorobutadiene	0.934	0.0981	"	1.47	ND	63.5	10-132				
Hexachlorocyclopentadiene	0.140	0.0981	"	1.47	ND	9.49	10-106	Low Bias			
Hexachloroethane	0.526	0.0981	"	1.47	ND	35.7	10-110				
Indeno(1,2,3-cd)pyrene	0.985	0.0981	"	1.47	ND	67.0	10-144				
Isophorone	0.593	0.0981	"	1.47	ND	40.3	10-132				
Naphthalene	0.692	0.0981	"	1.47	ND	47.0	10-141				
Nitrobenzene	0.627	0.0981	"	1.47	ND	42.6	10-131				
N-Nitrosodimethylamine	0.415	0.0981	"	1.47	ND	28.2	10-126				
N-nitroso-di-n-propylamine	0.512	0.0981	"	1.47	ND	34.8	10-125				
N-Nitrosodiphenylamine	0.736	0.0981	"	1.47	ND	50.0	10-177				
Pentachlorophenol	0.748	0.0981	"	1.47	ND	50.9	10-153				
Phenanthrene	0.746	0.0981	"	1.47	ND	50.7	10-148				
Phenol	0.555	0.0981	"	1.47	ND	37.7	10-126				
Pyrene	0.729	0.0981	"	1.47	0.0722	44.6	10-165				
Pyridine	0.354	0.393	"	1.47	ND	24.1	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.29*		"	*1.96*		*66.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.11*		"	*1.96*		*56.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.706*		"	*0.981*		*72.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.736*		"	*0.981*		*75.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.05*		"	*1.96*		*104*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.728*		"	*0.981*		*74.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40631 - EPA 3550C											
Matrix Spike Dup (BI40631-M Matrix Spike Dup	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/11/2024			
1,1-Biphenyl	0.479	0.0981	mg/kg dry	0.981	ND	48.8	10-130		34.4	30	Non-dir.
1,2,4,5-Tetrachlorobenzene	0.535	0.196	"	0.981	ND	54.6	10-133		35.9	30	Non-dir.
1,2,4-Trichlorobenzene	0.585	0.0981	"	1.47	ND	39.8	10-127		36.1	30	Non-dir.
1,2-Dichlorobenzene	0.484	0.0981	"	1.47	ND	32.9	14-111		29.6	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.359	0.0981	"	1.47	ND	24.4	10-144		33.8	30	Non-dir.
1,3-Dichlorobenzene	0.473	0.0981	"	1.47	ND	32.2	11-111		32.6	30	Non-dir.
1,4-Dichlorobenzene	0.468	0.0981	"	1.47	ND	31.8	10-106		33.2	30	Non-dir.
2,3,4,6-Tetrachlorophenol	0.652	0.196	"	1.47	ND	44.3	30-130		34.5	30	Non-dir.
2,4,5-Trichlorophenol	0.650	0.0981	"	1.47	ND	44.2	10-127		34.1	30	Non-dir.
2,4,6-Trichlorophenol	0.639	0.0981	"	1.47	ND	43.5	10-132		31.2	30	Non-dir.
2,4-Dichlorophenol	0.641	0.0981	"	1.47	ND	43.6	10-128		30.9	30	Non-dir.
2,4-Dimethylphenol	0.512	0.0981	"	1.47	ND	34.8	10-137		32.2	30	Non-dir.
2,4-Dinitrophenol	0.578	0.196	"	1.47	ND	39.3	10-171		28.9	30	
2,4-Dinitrotoluene	0.430	0.0981	"	1.47	ND	29.2	16-135		39.5	30	Non-dir.
2,6-Dinitrotoluene	0.456	0.0981	"	1.47	ND	31.0	18-131		38.9	30	Non-dir.
2-Chloronaphthalene	0.482	0.0981	"	1.47	ND	32.7	10-129		32.8	30	Non-dir.
2-Chlorophenol	0.507	0.0981	"	1.47	ND	34.5	15-116		27.3	30	
2-Methylnaphthalene	0.514	0.0981	"	1.47	ND	34.9	10-147		30.7	30	Non-dir.
2-Methylphenol	0.462	0.0981	"	1.47	ND	31.4	10-136		25.2	30	
2-Nitroaniline	0.450	0.196	"	1.47	ND	30.6	10-137		36.1	30	Non-dir.
2-Nitrophenol	0.439	0.0981	"	1.47	ND	29.8	10-129		39.5	30	Non-dir.
3- & 4-Methylphenols	0.419	0.0981	"	1.47	ND	28.5	10-123		25.9	30	
3,3-Dichlorobenzidine	0.433	0.0981	"	0.981	ND	44.2	10-155		35.6	30	Non-dir.
3-Nitroaniline	0.477	0.196	"	1.47	ND	32.4	12-133		29.5	30	
4,6-Dinitro-2-methylphenol	ND	0.196	"	1.47	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.537	0.0981	"	1.47	ND	36.5	14-128		35.4	30	Non-dir.
4-Chloro-3-methylphenol	0.569	0.0981	"	1.47	ND	38.7	10-134		25.9	30	
4-Chloroaniline	0.406	0.0981	"	1.47	ND	27.6	10-145		38.1	30	Non-dir.
4-Chlorophenyl phenyl ether	0.548	0.0981	"	1.47	ND	37.2	14-130		32.4	30	Non-dir.
4-Nitroaniline	0.527	0.196	"	1.47	ND	35.8	10-147		28.6	30	
4-Nitrophenol	0.434	0.196	"	1.47	ND	29.5	10-137		41.5	30	Non-dir.
Acenaphthene	0.446	0.0981	"	1.47	ND	30.3	10-146		33.0	30	Non-dir.
Acenaphthylene	0.463	0.0981	"	1.47	ND	31.5	10-134		32.6	30	Non-dir.
Acetophenone	0.444	0.0981	"	0.981	ND	45.3	10-116		29.9	30	
Aniline	0.314	0.393	"	1.47	ND	21.3	10-123		41.0	30	Non-dir.
Anthracene	0.509	0.0981	"	1.47	ND	34.6	10-142		33.4	30	Non-dir.
Atrazine	0.519	0.0981	"	0.981	ND	52.9	19-115		31.2	30	Non-dir.
Benzaldehyde	0.423	0.0981	"	0.981	ND	43.1	10-125		31.2	30	Non-dir.
Benzo(a)anthracene	0.538	0.0981	"	1.47	ND	36.6	10-158		32.9	30	Non-dir.
Benzo(a)pyrene	0.562	0.0981	"	1.47	0.0494	34.8	10-180		35.7	30	Non-dir.
Benzo(b)fluoranthene	0.491	0.0981	"	1.47	ND	33.4	10-200		36.6	30	Non-dir.
Benzo(g,h,i)perylene	0.606	0.0981	"	1.47	ND	41.2	10-138		33.8	30	Non-dir.
Benzo(k)fluoranthene	0.493	0.0981	"	1.47	ND	33.5	10-197		36.6	30	Non-dir.
Benzoic acid	0.0722	0.0981	"	0.981	ND	7.36	10-166	Low Bias	98.3	30	Non-dir.
Benzyl alcohol	0.415	0.0981	"	1.47	ND	28.2	12-124		27.5	30	
Benzyl butyl phthalate	0.382	0.0981	"	1.47	ND	26.0	10-154		29.7	30	
Bis(2-chloroethoxy)methane	0.408	0.0981	"	1.47	ND	27.7	10-132		33.5	30	Non-dir.
Bis(2-chloroethyl)ether	0.372	0.0981	"	1.47	ND	25.3	10-119		36.7	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.313	0.0981	"	1.47	ND	21.3	10-139		28.4	30	
Bis(2-ethylhexyl)phthalate	0.387	0.0981	"	1.47	ND	26.3	10-167		35.5	30	Non-dir.
Caprolactam	0.617	0.196	"	0.981	ND	63.0	10-132		28.4	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40631 - EPA 3550C											
Matrix Spike Dup (BI40631-M Matrix Spike Dup	*Source sample: 24I0367-01 (PE24_15)								Prepared & Analyzed: 09/11/2024		
Carbazole	0.471	0.0981	mg/kg dry	1.47	ND	32.1	10-167		34.5	30	Non-dir.
Chrysene	0.519	0.0981	"	1.47	ND	35.3	10-156		35.0	30	Non-dir.
Dibenzo(a,h)anthracene	0.732	0.0981	"	1.47	ND	49.8	10-137		36.0	30	Non-dir.
Dibenzofuran	0.500	0.0981	"	1.47	ND	34.0	10-147		32.3	30	Non-dir.
Diethyl phthalate	0.464	0.0981	"	1.47	ND	31.6	20-120		33.1	30	Non-dir.
Dimethyl phthalate	0.463	0.0981	"	1.47	ND	31.5	18-131		35.1	30	Non-dir.
Di-n-butyl phthalate	0.436	0.0981	"	1.47	ND	29.7	10-137		33.2	30	Non-dir.
Di-n-octyl phthalate	0.361	0.0981	"	1.47	ND	24.5	10-180		33.9	30	Non-dir.
Fluoranthene	0.621	0.0981	"	1.47	0.0722	37.3	10-160		36.2	30	Non-dir.
Fluorene	0.499	0.0981	"	1.47	ND	33.9	10-157		31.5	30	Non-dir.
Hexachlorobenzene	0.491	0.0981	"	1.47	ND	33.4	10-137		30.0	30	
Hexachlorobutadiene	0.668	0.0981	"	1.47	ND	45.4	10-132		33.3	30	Non-dir.
Hexachlorocyclopentadiene	0.0604	0.0981	"	1.47	ND	4.11	10-106	Low Bias	79.2	30	Non-dir.
Hexachloroethane	0.366	0.0981	"	1.47	ND	24.9	10-110		35.7	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.700	0.0981	"	1.47	ND	47.6	10-144		33.9	30	Non-dir.
Isophorone	0.418	0.0981	"	1.47	ND	28.4	10-132		34.6	30	Non-dir.
Naphthalene	0.501	0.0981	"	1.47	ND	34.0	10-141		32.1	30	Non-dir.
Nitrobenzene	0.432	0.0981	"	1.47	ND	29.4	10-131		36.7	30	Non-dir.
N-Nitrosodimethylamine	0.281	0.0981	"	1.47	ND	19.1	10-126		38.6	30	Non-dir.
N-nitroso-di-n-propylamine	0.381	0.0981	"	1.47	ND	25.9	10-125		29.3	30	
N-Nitrosodiphenylamine	0.521	0.0981	"	1.47	ND	35.4	10-177		34.2	30	Non-dir.
Pentachlorophenol	0.485	0.0981	"	1.47	ND	33.0	10-153		42.7	30	Non-dir.
Phenanthrene	0.544	0.0981	"	1.47	ND	37.0	10-148		31.2	30	Non-dir.
Phenol	0.423	0.0981	"	1.47	ND	28.7	10-126		27.0	30	
Pyrene	0.528	0.0981	"	1.47	0.0722	31.0	10-165		32.0	30	Non-dir.
Pyridine	0.244	0.393	"	1.47	ND	16.6	10-83		36.7	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*0.966*		"	*1.96*		*49.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.861*		"	*1.96*		*43.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.507*		"	*0.981*		*51.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.525*		"	*0.981*		*53.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.49*		"	*1.96*		*75.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.546*		"	*0.981*		*55.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40456 - EPA 3550C												
Blank (BI40456-BLK1)	Blank									Prepared: 09/09/2024 Analyzed: 09/10/2024		
1,4-Dioxane		ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8		*372*		*"*	*495*		*75.1*	*39-127.5*				
LCS (BI40456-BS1)	LCS									Prepared: 09/09/2024 Analyzed: 09/10/2024		
1,4-Dioxane		507	19.8	ug/kg	495		102	40-130				
Surrogate: 1,4-Dioxane-d8		*307*		*"*	*495*		*62.1*	*39-127.5*				
Matrix Spike (BI40456-MS2)	Matrix Spike	*Source sample: 24I0367-01 (PE24_15)								Prepared: 09/09/2024 Analyzed: 09/10/2024		
1,4-Dioxane		494	19.8	ug/kg	495	ND	99.8	40-130				
Surrogate: 1,4-Dioxane-d8		*312*		*"*	*495*		*63.0*	*40-130*				
Matrix Spike Dup (BI40456-M	Matrix Spike Dup	*Source sample: 24I0367-01 (PE24_15)								Prepared: 09/09/2024 Analyzed: 09/10/2024		
1,4-Dioxane		517	19.8	ug/kg	495	ND	104	40-130		4.51	30	
Surrogate: 1,4-Dioxane-d8		*314*		*"*	*495*		*63.4*	*40-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40565 - EPA 1633 Prep											
Blank (BI40565-BLK1) Blank									Prepared: 09/10/2024 Analyzed: 09/12/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.399	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.758	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.766	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.798	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.399	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.399	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.399	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.749	"								
HFPO-DA (Gen-X)	ND	0.798	"								
11CL-PF3OUdS	ND	0.754	"								
9CL-PF3ONS	ND	0.747	"								
ADONA	ND	0.754	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.998	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.99	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.99	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.54*		"	*2.33*		*109*	*25-150*				
Surrogate: M5PFHxA	*2.79*		"	*2.50*		*112*	*25-150*				
Surrogate: M4PFHpA	*2.71*		"	*2.50*		*109*	*25-150*				
Surrogate: M3PFHxS	*2.33*		"	*2.37*		*98.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.54*		"	*2.50*		*102*	*25-150*				
Surrogate: M6PFDA	*1.14*		"	*1.25*		*91.5*	*25-150*				
Surrogate: M7PFUdA	*1.02*		"	*1.25*		*81.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.945*		"	*1.25*		*75.7*	*25-150*				
Surrogate: M2PFTeDA	*0.742*		"	*1.25*		*59.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40565 - EPA 1633 Prep											
Blank (BI40565-BLK1) Blank								Prepared: 09/10/2024 Analyzed: 09/12/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.52*		*ug/kg wet*	*9.98*		*95.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.58*		*"*	*2.39*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.86*		*"*	*4.99*		*97.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.68*		*"*	*2.50*		*67.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.61*		*"*	*4.99*		*72.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.98*		*"*	*4.99*		*79.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.44*		*"*	*4.75*		*93.7*	*25-200*				
Surrogate: M2-8:2 FTS	*3.67*		*"*	*4.79*		*76.5*	*25-200*				
Surrogate: M9PFNA	*1.26*		*"*	*1.25*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*4.63*		*"*	*4.68*		*99.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.28*		*"*	*2.50*		*51.2*	*25-150*				
Surrogate: d-N-EtFOSA	*0.979*		*"*	*2.50*		*39.2*	*25-150*				
Surrogate: M3HFPO-DA	*7.47*		*"*	*9.98*		*74.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.5*		*"*	*25.0*		*50.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.1*		*"*	*25.0*		*52.3*	*25-150*				
LCS (BI40565-BS1) LCS								Prepared: 09/10/2024 Analyzed: 09/12/2024			
Perfluorobutanesulfonic acid (PFBS)	3.43	0.174	ug/kg wet	3.48		98.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.48	0.197	"	3.94		88.4	50-150				
Perfluoroheptanoic acid (PFHpA)	3.56	0.197	"	3.94		90.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.46	0.180	"	3.60		96.0	50-150				
Perfluorooctanoic acid (PFOA)	3.50	0.197	"	3.94		88.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.82	0.183	"	3.66		104	50-150				
Perfluorononanoic acid (PFNA)	3.26	0.197	"	3.94		82.9	50-150				
Perfluorodecanoic acid (PFDA)	3.33	0.197	"	3.94		84.7	50-150				
Perfluoroundecanoic acid (PFUnA)	3.29	0.197	"	3.94		83.7	50-150				
Perfluorododecanoic acid (PFDoA)	4.08	0.197	"	3.94		104	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.89	0.197	"	3.94		98.7	50-150				
Perfluorotetradecanoic acid (PFTA)	3.83	0.197	"	3.94		97.4	50-150				
N-MeFOSAA	4.19	0.197	"	3.94		106	50-150				
N-EtFOSAA	4.00	0.197	"	3.94		102	50-150				
Perfluoropentanoic acid (PFPeA)	7.77	0.394	"	7.87		98.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.76	0.197	"	3.94		95.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.00	0.197	"	3.76		106	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.73	0.190	"	3.80		98.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.5	0.748	"	15.0		104	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.2	0.756	"	15.1		93.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.8	0.787	"	15.7		100	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.67	0.350	"	7.01		95.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.66	0.394	"	7.87		84.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	5.77	0.394	"	7.87		73.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.41	0.394	"	7.87		107	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.35	0.185	"	3.70		90.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.6	0.738	"	14.8		85.1	50-150				
HFPO-DA (Gen-X)	9.72	0.787	"	7.87		123	50-150				
11CL-PF3OUdS	9.35	0.744	"	7.44		126	50-150				
9CL-PF3ONS	11.5	0.736	"	7.36		156	50-150	High Bias			
ADONA	11.7	0.744	"	7.44		157	50-150	High Bias			

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40565 - EPA 1633 Prep											
LCS (BI40565-BS1) LCS								Prepared: 09/10/2024 Analyzed: 09/12/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.43	0.191	ug/kg wet	3.82		63.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.12	0.189	"	3.78		109	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	11.6	0.984	"	15.7		74.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	58.2	4.92	"	78.7		74.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	66.2	4.92	"	78.7		84.1	50-150				
N-MeFOSE	42.5	1.97	"	39.4		108	50-150				
N-MeFOSA	3.98	0.197	"	3.94		101	50-150				
N-EtFOSE	40.4	1.97	"	39.4		103	50-150				
N-EtFOSA	3.36	0.197	"	3.94		85.3	50-150				
Surrogate: M3PFBS	*2.22*		"	*2.29*		*96.8*	*25-150*				
Surrogate: M5PFHxA	*2.58*		"	*2.46*		*105*	*25-150*				
Surrogate: M4PFHpA	*2.87*		"	*2.46*		*117*	*25-150*				
Surrogate: M3PFHxS	*2.21*		"	*2.33*		*94.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.96*		"	*2.46*		*120*	*25-150*				
Surrogate: M6PFDA	*1.45*		"	*1.23*		*118*	*25-150*				
Surrogate: M7PFUdA	*1.28*		"	*1.23*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.02*		"	*1.23*		*83.2*	*25-150*				
Surrogate: M2PFTeDA	*0.830*		"	*1.23*		*67.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.01*		"	*9.84*		*50.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.04*		"	*2.36*		*86.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.65*		"	*4.92*		*94.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.02*		"	*2.46*		*82.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.57*		"	*4.92*		*92.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.70*		"	*4.92*		*95.4*	*25-150*				
Surrogate: M2-6:2 FTS	*4.69*		"	*4.68*		*100*	*25-200*				
Surrogate: M2-8:2 FTS	*4.53*		"	*4.72*		*95.8*	*25-200*				
Surrogate: M9PFNA	*1.37*		"	*1.23*		*111*	*25-150*				
Surrogate: M2-4:2 FTS	*5.01*		"	*4.62*		*108*	*25-150*				
Surrogate: d-N-MeFOSA	*1.49*		"	*2.46*		*60.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.47*		"	*2.46*		*59.8*	*25-150*				
Surrogate: M3HFPO-DA	*6.94*		"	*9.84*		*70.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.4*		"	*24.6*		*58.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.8*		"	*24.6*		*60.3*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40565 - EPA 1633 Prep											
LCS (BI40565-BS2) LCS								Prepared: 09/10/2024 Analyzed: 09/12/2024			
Perfluorobutanesulfonic acid (PFBS)	0.679	0.175	ug/kg wet	0.701		96.8	50-150				
Perfluorohexanoic acid (PFHxA)	0.634	0.198	"	0.792		80.1	50-150				
Perfluoroheptanoic acid (PFHpA)	0.822	0.198	"	0.792		104	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.679	0.181	"	0.725		93.7	50-150				
Perfluorooctanoic acid (PFOA)	0.808	0.198	"	0.792		102	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.779	0.184	"	0.737		106	50-150				
Perfluorononanoic acid (PFNA)	0.629	0.198	"	0.792		79.4	50-150				
Perfluorodecanoic acid (PFDA)	0.689	0.198	"	0.792		87.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.650	0.198	"	0.792		82.1	50-150				
Perfluorododecanoic acid (PFDoA)	0.715	0.198	"	0.792		90.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.822	0.198	"	0.792		104	50-150				
Perfluorotetradecanoic acid (PFTA)	0.695	0.198	"	0.792		87.8	50-150				
N-MeFOSAA	0.757	0.198	"	0.792		95.6	50-150				
N-EtFOSAA	0.799	0.198	"	0.792		101	50-150				
Perfluoropentanoic acid (PFPeA)	1.49	0.396	"	1.58		94.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.732	0.198	"	0.792		92.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.715	0.198	"	0.756		94.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.539	0.191	"	0.764		70.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.98	0.752	"	3.01		99.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.57	0.760	"	3.04		118	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.05	0.792	"	3.17		96.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.30	0.352	"	1.41		92.1	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.69	0.396	"	1.58		106	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.24	0.396	"	1.58		78.1	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.74	0.396	"	1.58		110	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.685	0.186	"	0.745		92.0	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.53	0.743	"	2.97		85.2	50-150				
HFPO-DA (Gen-X)	1.69	0.792	"	1.58		106	50-150				
11CL-PF3OUdS	1.71	0.749	"	1.50		114	50-150				
9CL-PF3ONS	2.25	0.741	"	1.48		152	50-150	High Bias			
ADONA	2.21	0.749	"	1.50		147	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.556	0.192	"	0.768		72.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.780	0.190	"	0.760		103	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.51	0.990	"	3.17		79.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	11.0	4.95	"	15.8		69.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	11.9	4.95	"	15.8		75.2	50-150				
N-MeFOSE	8.18	1.98	"	7.92		103	50-150				
N-MeFOSA	0.719	0.198	"	0.792		90.8	50-150				
N-EtFOSE	7.84	1.98	"	7.92		99.0	50-150				
N-EtFOSA	0.962	0.198	"	0.792		121	50-150				
Surrogate: M3PFBS	*2.02*		"	*2.31*		*87.4*	*25-150*				
Surrogate: M5PFHxA	*2.69*		"	*2.48*		*109*	*25-150*				
Surrogate: M4PFHpA	*2.69*		"	*2.48*		*109*	*25-150*				
Surrogate: M3PFHxS	*2.01*		"	*2.35*		*85.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.86*		"	*2.48*		*115*	*25-150*				
Surrogate: M6PFDA	*1.37*		"	*1.24*		*111*	*25-150*				
Surrogate: M7PFUdA	*1.20*		"	*1.24*		*96.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.887*		"	*1.24*		*71.7*	*25-150*				
Surrogate: M2PFTeDA	*0.751*		"	*1.24*		*60.7*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40565 - EPA 1633 Prep											
LCS (BI40565-BS2) LCS									Prepared: 09/10/2024 Analyzed: 09/12/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.46*		*ug/kg wet*	*9.90*		*55.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.20*		*"*	*2.37*		*92.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.69*		*"*	*4.95*		*94.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.10*		*"*	*2.48*		*85.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.86*		*"*	*4.95*		*98.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.23*		*"*	*4.95*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*3.96*		*"*	*4.71*		*84.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.60*		*"*	*4.75*		*75.7*	*25-200*				
Surrogate: M9PFNA	*1.38*		*"*	*1.24*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*4.16*		*"*	*4.64*		*89.6*	*25-150*				
Surrogate: d-N-MeFOSA	*1.50*		*"*	*2.48*		*60.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.20*		*"*	*2.48*		*48.4*	*25-150*				
Surrogate: M3HFPO-DA	*7.44*		*"*	*9.90*		*75.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.6*		*"*	*24.8*		*63.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.3*		*"*	*24.8*		*65.9*	*25-150*				
Matrix Spike (BI40565-MS1) Matrix Spike *Source sample: 24I0367-01 (PE24_15)									Prepared: 09/10/2024 Analyzed: 09/13/2024		
Perfluorobutanesulfonic acid (PFBS)	3.99	0.205	ug/kg dry	4.11	ND	97.3	25-150				
Perfluorohexanoic acid (PFHxA)	4.16	0.232	"	4.64	ND	89.8	25-150				
Perfluoroheptanoic acid (PFHpA)	4.89	0.232	"	4.64	ND	105	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.00	0.212	"	4.24	ND	94.3	25-150				
Perfluorooctanoic acid (PFOA)	4.27	0.232	"	4.64	ND	92.1	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.14	0.216	"	4.31	ND	96.0	25-150				
Perfluorononanoic acid (PFNA)	4.36	0.232	"	4.64	ND	93.9	25-150				
Perfluorodecanoic acid (PFDA)	4.20	0.232	"	4.64	ND	90.6	25-150				
Perfluoroundecanoic acid (PFUnA)	4.28	0.232	"	4.64	ND	92.3	25-150				
Perfluorododecanoic acid (PFDoA)	4.95	0.232	"	4.64	ND	107	25-150				
Perfluorotridecanoic acid (PFTrDA)	5.48	0.232	"	4.64	ND	118	25-150				
Perfluorotetradecanoic acid (PFTA)	5.27	0.232	"	4.64	ND	114	25-150				
N-MeFOSAA	4.72	0.232	"	4.64	ND	102	25-150				
N-EtFOSAA	4.38	0.232	"	4.64	ND	94.4	25-150				
Perfluoropentanoic acid (PFPeA)	9.22	0.464	"	9.28	ND	99.3	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.46	0.232	"	4.64	ND	74.6	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.18	0.232	"	4.43	ND	94.4	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.74	0.224	"	4.48	ND	83.6	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.4	0.881	"	17.6	ND	87.3	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	17.0	0.891	"	17.8	ND	95.6	25-150				
Perfluoro-n-butanoic acid (PFBA)	18.7	0.928	"	18.6	ND	101	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.17	0.413	"	8.26	ND	111	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.81	0.464	"	9.28	ND	73.4	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.96	0.464	"	9.28	ND	96.6	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	10.1	0.464	"	9.28	ND	108	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.80	0.218	"	4.36	ND	87.1	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.8	0.870	"	17.4	ND	85.0	25-150				
HFPO-DA (Gen-X)	11.4	0.928	"	9.28	ND	122	25-150				
11CL-PF3OUdS	11.0	0.877	"	8.77	ND	126	25-150				
9CL-PF3ONS	12.2	0.868	"	8.68	ND	141	25-150				
ADONA	11.1	0.877	"	8.77	ND	126	25-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40565 - EPA 1633 Prep											
Matrix Spike (BI40565-MS1) Matrix Spike	*Source sample: 24I0367-01 (PE24_15)							Prepared: 09/10/2024 Analyzed: 09/13/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.54	0.225	ug/kg dry	4.50	ND	56.5	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.23	0.223	"	4.45	ND	95.0	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	18.6	1.16	"	18.6	ND	100	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	80.1	5.80	"	92.8	ND	86.3	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	92.2	5.80	"	92.8	ND	99.4	25-150				
N-MeFOSE	49.8	2.32	"	46.4	ND	107	25-150				
N-MeFOSA	4.43	0.232	"	4.64	ND	95.6	25-150				
N-EtFOSE	47.9	2.32	"	46.4	ND	103	25-150				
N-EtFOSA	4.07	0.232	"	4.64	ND	87.7	25-150				
Surrogate: M3PFBS	*2.32*		*"*	*2.70*		*86.0*	*25-150*				
Surrogate: M5PFHxA	*3.09*		*"*	*2.90*		*107*	*25-150*				
Surrogate: M4PFHpA	*2.96*		*"*	*2.90*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.68*		*"*	*2.75*		*97.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.20*		*"*	*2.90*		*110*	*25-150*				
Surrogate: M6PFDA	*1.61*		*"*	*1.45*		*111*	*25-150*				
Surrogate: M7PFUdA	*1.23*		*"*	*1.45*		*84.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.14*		*"*	*1.45*		*79.0*	*25-150*				
Surrogate: M2PFTeDA	*0.864*		*"*	*1.45*		*59.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.6*		*"*	*11.6*		*91.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.53*		*"*	*2.78*		*127*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.21*		*"*	*5.80*		*89.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.88*		*"*	*2.90*		*99.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*7.75*		*"*	*5.80*		*134*	*25-150*				
Surrogate: d5-N-EtFOSAA	*8.92*		*"*	*5.80*		*154*	*25-150*				
Surrogate: M2-6:2 FTS	*12.8*		*"*	*5.51*		*232*	*25-200*				
Surrogate: M2-8:2 FTS	*15.2*		*"*	*5.57*		*274*	*25-200*				
Surrogate: M9PFNA	*1.38*		*"*	*1.45*		*95.0*	*25-150*				
Surrogate: M2-4:2 FTS	*8.76*		*"*	*5.44*		*161*	*25-150*				
Surrogate: d-N-MeFOSA	*2.20*		*"*	*2.90*		*75.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.99*		*"*	*2.90*		*68.7*	*25-150*				
Surrogate: M3HFPO-DA	*10.4*		*"*	*11.6*		*89.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*17.2*		*"*	*29.0*		*59.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.3*		*"*	*29.0*		*63.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40565 - EPA 1633 Prep											
Matrix Spike Dup (BI40565-M Matrix Spike Dup	*Source sample: 24I0367-01 (PE24_15)								Prepared: 09/10/2024 Analyzed: 09/13/2024		
Perfluorobutanesulfonic acid (PFBS)	3.77	0.209	ug/kg dry	4.17	ND	90.3	25-150		5.83	35	
Perfluorohexanoic acid (PFHxA)	4.18	0.236	"	4.71	ND	88.7	25-150		0.348	35	
Perfluoroheptanoic acid (PFHpA)	4.59	0.236	"	4.71	ND	97.4	25-150		6.34	35	
Perfluorohexanesulfonic acid (PFHxS)	3.62	0.216	"	4.31	ND	84.0	25-150		9.98	35	
Perfluorooctanoic acid (PFOA)	4.20	0.236	"	4.71	ND	89.2	25-150		1.68	35	
Perfluorooctanesulfonic acid (PFOS)	3.66	0.219	"	4.38	ND	83.5	25-150		12.4	35	
Perfluorononanoic acid (PFNA)	3.79	0.236	"	4.71	ND	80.5	25-150		13.8	35	
Perfluorodecanoic acid (PFDA)	3.99	0.236	"	4.71	ND	84.6	25-150		5.29	35	
Perfluoroundecanoic acid (PFUnA)	3.59	0.236	"	4.71	ND	76.2	25-150		17.5	35	
Perfluorododecanoic acid (PFDoA)	4.68	0.236	"	4.71	ND	99.3	25-150		5.57	35	
Perfluorotridecanoic acid (PFTrDA)	4.78	0.236	"	4.71	ND	101	25-150		13.5	35	
Perfluorotetradecanoic acid (PFTA)	4.05	0.236	"	4.71	ND	85.9	25-150		26.2	35	
N-MeFOSAA	4.48	0.236	"	4.71	ND	95.0	25-150		5.21	35	
N-EtFOSAA	4.19	0.236	"	4.71	ND	88.9	25-150		4.38	35	
Perfluoropentanoic acid (PFPeA)	8.55	0.471	"	9.43	ND	90.7	25-150		7.51	35	
Perfluoro-1-octanesulfonamide (FOSA)	3.49	0.236	"	4.71	ND	74.1	25-150		0.825	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.64	0.236	"	4.50	ND	81.0	25-150		13.8	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.16	0.227	"	4.55	ND	69.4	25-150		17.0	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.1	0.896	"	17.9	ND	84.1	25-150		2.11	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.9	0.905	"	18.1	ND	82.5	25-150		13.1	35	
Perfluoro-n-butanoic acid (PFBA)	17.6	0.943	"	18.9	ND	93.4	25-150		5.99	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.24	0.419	"	8.39	ND	110	25-150		0.740	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.12	0.471	"	9.43	ND	96.7	25-150		29.0	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	8.34	0.471	"	9.43	ND	88.5	25-150		7.18	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	9.38	0.471	"	9.43	ND	99.5	25-150		7.00	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.51	0.222	"	4.43	ND	79.2	25-150		7.96	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.3	0.884	"	17.7	ND	81.0	25-150		3.22	30	
HFPO-DA (Gen-X)	10.2	0.943	"	9.43	ND	108	25-150		10.4	30	
11CL-PF3OUdS	9.63	0.891	"	8.91	ND	108	25-150		13.4	30	
9CL-PF3ONS	11.2	0.881	"	8.81	ND	127	25-150		8.43	30	
ADONA	9.31	0.891	"	8.91	ND	104	25-150		17.3	30	
Perfluorododecanesulfonic acid (PFDoS)	2.14	0.229	"	4.57	ND	46.8	25-150		17.2	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	3.71	0.226	"	4.52	ND	82.0	25-150		13.2	30	
3-Perfluoropropyl propanoic acid (FPrPA)	17.3	1.18	"	18.9	ND	91.6	25-150		7.38	30	
3-Perfluoropentyl propanoic acid (FPePA)	80.6	5.89	"	94.3	ND	85.5	25-150		0.633	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	92.6	5.89	"	94.3	ND	98.2	25-150		0.424	30	
N-MeFOSE	44.7	2.36	"	47.1	ND	94.9	25-150		10.8	30	
N-MeFOSA	4.28	0.236	"	4.71	ND	90.8	25-150		3.56	30	
N-EtFOSE	42.0	2.36	"	47.1	ND	89.0	25-150		13.2	30	
N-EtFOSA	5.07	0.236	"	4.71	ND	108	25-150		21.9	30	
Surrogate: M3PFBS	*2.50*		"	*2.75*		*91.1*	*25-150*				
Surrogate: M5PFHxA	*2.52*		"	*2.95*		*85.6*	*25-150*				
Surrogate: M4PFHpA	*2.51*		"	*2.95*		*85.2*	*25-150*				
Surrogate: M3PFHxS	*2.81*		"	*2.79*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.10*		"	*2.95*		*105*	*25-150*				
Surrogate: M6PFDA	*1.46*		"	*1.47*		*98.9*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.47*		*80.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.988*		"	*1.47*		*67.1*	*25-150*				
Surrogate: M2PFTeDA	*0.815*		"	*1.47*		*55.3*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40565 - EPA 1633 Prep											
Matrix Spike Dup (BI40565-M Matrix Spike Dup	*Source sample: 24I0367-01 (PE24_15)										Prepared: 09/10/2024 Analyzed: 09/13/2024
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.57*		*ug/kg dry*	*11.8*		*81.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.48*		*"*	*2.82*		*123*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.49*		*"*	*5.89*		*76.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.56*		*"*	*2.95*		*86.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*7.02*		*"*	*5.89*		*119*	*25-150*				
Surrogate: d5-N-EtFOSAA	*7.69*		*"*	*5.89*		*131*	*25-150*				
Surrogate: M2-6:2 FTS	*12.3*		*"*	*5.60*		*220*	*25-200*				
Surrogate: M2-8:2 FTS	*12.0*		*"*	*5.66*		*212*	*25-200*				
Surrogate: M9PFNA	*1.37*		*"*	*1.47*		*93.3*	*25-150*				
Surrogate: M2-4:2 FTS	*8.63*		*"*	*5.53*		*156*	*25-150*				
Surrogate: d-N-MeFOSA	*1.84*		*"*	*2.95*		*62.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.57*		*"*	*2.95*		*53.1*	*25-150*				
Surrogate: M3HFPO-DA	*9.67*		*"*	*11.8*		*82.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.9*		*"*	*29.5*		*54.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.3*		*"*	*29.5*		*51.9*	*25-150*				
Batch BI40902 - EPA 1633 Prep											
Blank (BI40902-BLK1) Blank											Prepared: 09/15/2024 Analyzed: 09/16/2024
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40902 - EPA 1633 Prep											
Blank (BI40902-BLK1) Blank									Prepared: 09/15/2024 Analyzed: 09/16/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*26.3*		"	*23.3*		*113*	*25-150*				
Surrogate: M5PFHxA	*31.5*		"	*25.0*		*126*	*25-150*				
Surrogate: M4PFHpA	*29.9*		"	*25.0*		*120*	*25-150*				
Surrogate: M3PFHxS	*27.4*		"	*23.7*		*116*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.6*		"	*25.0*		*139*	*25-150*				
Surrogate: M6PFDA	*19.2*		"	*12.5*		*153*	*25-150*				
Surrogate: M7PFUdA	*14.4*		"	*12.5*		*115*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.2*		"	*12.5*		*106*	*25-150*				
Surrogate: M2PFTeDA	*9.94*		"	*12.5*		*79.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.69*		"	*100*		*3.69*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.1*		"	*23.9*		*138*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*34.8*		"	*50.0*		*69.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*31.9*		"	*25.0*		*128*	*10-150*				
Surrogate: d3-N-MeFOSAA	*66.1*		"	*50.0*		*132*	*25-150*				
Surrogate: d5-N-EtFOSAA	*73.3*		"	*50.0*		*147*	*25-150*				
Surrogate: M2-6:2 FTS	*104*		"	*47.5*		*218*	*25-200*				
Surrogate: M2-8:2 FTS	*52.1*		"	*48.0*		*109*	*25-200*				
Surrogate: M9PFNA	*14.9*		"	*12.5*		*119*	*25-150*				
Surrogate: M2-4:2 FTS	*104*		"	*46.9*		*222*	*25-150*				
Surrogate: d-N-MeFOSA	*30.2*		"	*25.0*		*121*	*25-150*				
Surrogate: d-N-EtFOSA	*25.3*		"	*25.0*		*101*	*25-150*				
Surrogate: M3HFPO-DA	*127*		"	*100*		*127*	*25-150*				
Surrogate: d9-N-EtFOSE	*178*		"	*250*		*71.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*153*		"	*250*		*61.4*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40902 - EPA 1633 Prep											
LCS (BI40902-BS1) LCS								Prepared: 09/15/2024 Analyzed: 09/16/2024			
Perfluorobutanesulfonic acid (PFBS)	36.7	1.77	ng/L	35.4		104	50-150				
Perfluorohexanoic acid (PFHxA)	38.6	2.00	"	40.0		96.4	50-150				
Perfluoroheptanoic acid (PFHpA)	42.6	2.00	"	40.0		107	50-150				
Perfluorohexanesulfonic acid (PFHxS)	34.9	1.83	"	36.6		95.4	50-150				
Perfluorooctanoic acid (PFOA)	38.0	2.00	"	40.0		95.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	35.7	1.86	"	37.2		96.0	50-150				
Perfluorononanoic acid (PFNA)	35.5	2.00	"	40.0		88.8	50-150				
Perfluorodecanoic acid (PFDA)	34.4	2.00	"	40.0		86.0	50-150				
Perfluoroundecanoic acid (PFUnA)	45.0	2.00	"	40.0		112	50-150				
Perfluorododecanoic acid (PFDoA)	42.1	2.00	"	40.0		105	50-150				
Perfluorotridecanoic acid (PFTrDA)	50.3	2.00	"	40.0		126	50-150				
Perfluorotetradecanoic acid (PFTA)	46.5	2.00	"	40.0		116	50-150				
N-MeFOSAA	45.0	2.00	"	40.0		112	50-150				
N-EtFOSAA	43.6	2.00	"	40.0		109	50-150				
Perfluoropentanoic acid (PFPeA)	81.3	4.00	"	80.0		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	35.7	2.00	"	40.0		89.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	39.4	1.91	"	38.2		103	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	28.9	1.93	"	38.6		75.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	141	7.60	"	152		92.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	165	7.68	"	154		107	50-150				
Perfluoro-n-butanoic acid (PFBA)	148	8.00	"	160		92.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	78.9	3.56	"	71.2		111	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	84.9	4.00	"	80.0		106	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	13.5	4.00	"	80.0		16.9	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	117	4.00	"	80.0		147	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	33.4	1.88	"	37.6		88.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	136	7.50	"	150		90.7	50-150				
HFPO-DA (Gen-X)	83.3	8.00	"	80.0		104	50-150				
11CL-PF3OUdS	74.7	7.56	"	75.6		98.8	50-150				
9CL-PF3ONS	91.8	7.48	"	74.8		123	50-150				
ADONA	87.2	7.56	"	75.6		115	50-150				
Perfluorododecanesulfonic acid (PFDoS)	23.3	1.94	"	38.8		60.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	38.6	1.92	"	38.4		101	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	130	5.00	"	160		81.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	961	25.0	"	800		120	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	983	25.0	"	800		123	50-150				
N-MeFOSE	387	20.0	"	400		96.7	50-150				
N-MeFOSA	42.8	2.00	"	40.0		107	50-150				
N-EtFOSE	380	20.0	"	400		95.1	50-150				
N-EtFOSA	44.7	2.00	"	40.0		112	50-150				
Surrogate: M3PFBS	*21.8*		"	*23.3*		*93.4*	*25-150*				
Surrogate: M5PFHxA	*27.6*		"	*25.0*		*110*	*25-150*				
Surrogate: M4PFHpA	*29.4*		"	*25.0*		*118*	*25-150*				
Surrogate: M3PFHxS	*24.2*		"	*23.7*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.8*		"	*25.0*		*131*	*25-150*				
Surrogate: M6PFDA	*18.9*		"	*12.5*		*152*	*25-150*				
Surrogate: M7PFUdA	*13.3*		"	*12.5*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.6*		"	*12.5*		*93.1*	*25-150*				
Surrogate: M2PFTeDA	*9.27*		"	*12.5*		*74.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40902 - EPA 1633 Prep											
LCS (BI40902-BS1) LCS								Prepared: 09/15/2024 Analyzed: 09/16/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.87*		*ng/L*	*100*		*2.87*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.2*		*"*	*23.9*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*30.0*		*"*	*50.0*		*59.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*31.2*		*"*	*25.0*		*125*	*10-150*				
Surrogate: d3-N-MeFOSAA	*57.7*		*"*	*50.0*		*115*	*25-150*				
Surrogate: d5-N-EtFOSAA	*62.3*		*"*	*50.0*		*125*	*25-150*				
Surrogate: M2-6:2 FTS	*95.8*		*"*	*47.5*		*201*	*25-200*				
Surrogate: M2-8:2 FTS	*48.7*		*"*	*48.0*		*101*	*25-200*				
Surrogate: M9PFNA	*14.2*		*"*	*12.5*		*113*	*25-150*				
Surrogate: M2-4:2 FTS	*95.0*		*"*	*46.9*		*203*	*25-150*				
Surrogate: d-N-MeFOSA	*26.7*		*"*	*25.0*		*107*	*25-150*				
Surrogate: d-N-EtFOSA	*23.6*		*"*	*25.0*		*94.3*	*25-150*				
Surrogate: M3HFPO-DA	*110*		*"*	*100*		*110*	*25-150*				
Surrogate: d9-N-EtFOSE	*174*		*"*	*250*		*69.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*166*		*"*	*250*		*66.2*	*25-150*				
LCS (BI40902-BS2) LCS								Prepared: 09/15/2024 Analyzed: 09/16/2024			
Perfluorobutanesulfonic acid (PFBS)	7.81	1.77	ng/L	7.08		110	50-150				
Perfluorohexanoic acid (PFHxA)	8.10	2.00	"	8.00		101	50-150				
Perfluoroheptanoic acid (PFHpA)	8.56	2.00	"	8.00		107	50-150				
Perfluorohexanesulfonic acid (PFHxS)	7.76	1.83	"	7.32		106	50-150				
Perfluorooctanoic acid (PFOA)	8.03	2.00	"	8.00		100	50-150				
Perfluorooctanesulfonic acid (PFOS)	6.27	1.86	"	7.44		84.3	50-150				
Perfluorononanoic acid (PFNA)	7.68	2.00	"	8.00		95.9	50-150				
Perfluorodecanoic acid (PFDA)	8.10	2.00	"	8.00		101	50-150				
Perfluoroundecanoic acid (PFUnA)	7.15	2.00	"	8.00		89.4	50-150				
Perfluorododecanoic acid (PFDoA)	7.10	2.00	"	8.00		88.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	9.64	2.00	"	8.00		121	50-150				
Perfluorotetradecanoic acid (PFTA)	8.22	2.00	"	8.00		103	50-150				
N-MeFOSAA	9.36	2.00	"	8.00		117	50-150				
N-EtFOSAA	8.55	2.00	"	8.00		107	50-150				
Perfluoropentanoic acid (PFPeA)	17.0	4.00	"	16.0		106	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	6.83	2.00	"	8.00		85.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.84	1.91	"	7.64		103	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.17	1.93	"	7.72		92.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	33.3	7.60	"	30.4		109	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	36.0	7.68	"	30.7		117	50-150				
Perfluoro-n-butanoic acid (PFBA)	27.2	8.00	"	32.0		85.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.9	3.56	"	14.2		112	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	11.9	4.00	"	16.0		74.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.61	4.00	"	16.0		16.3	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	24.0	4.00	"	16.0		150	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.93	1.88	"	7.52		105	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	28.6	7.50	"	30.0		95.5	50-150				
HFPO-DA (Gen-X)	20.2	8.00	"	16.0		126	50-150				
11CL-PF3OUdS	12.2	7.56	"	15.1		80.8	50-150				
9CL-PF3ONS	17.7	7.48	"	15.0		119	50-150				
ADONA	16.6	7.56	"	15.1		110	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40902 - EPA 1633 Prep											
LCS (BI40902-BS2) LCS								Prepared: 09/15/2024 Analyzed: 09/16/2024			
Perfluorododecanesulfonic acid (PFDoS)	4.22	1.94	ng/L	7.76		54.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	7.66	1.92	"	7.68		99.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	25.1	5.00	"	32.0		78.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	199	25.0	"	160		124	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	214	25.0	"	160		134	50-150				
N-MeFOSE	88.1	20.0	"	80.0		110	50-150				
N-MeFOSA	7.56	2.00	"	8.00		94.5	50-150				
N-EtFOSE	82.9	20.0	"	80.0		104	50-150				
N-EtFOSA	8.23	2.00	"	8.00		103	50-150				
Surrogate: M3PFBS	*28.6*		"	*23.3*		*123*	*25-150*				
Surrogate: M5PFHxA	*31.1*		"	*25.0*		*124*	*25-150*				
Surrogate: M4PFHpA	*34.5*		"	*25.0*		*138*	*25-150*				
Surrogate: M3PFHxS	*30.4*		"	*23.7*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*35.6*		"	*25.0*		*142*	*25-150*				
Surrogate: M6PFDA	*17.7*		"	*12.5*		*142*	*25-150*				
Surrogate: M7PFUdA	*14.1*		"	*12.5*		*113*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.3*		"	*12.5*		*98.2*	*25-150*				
Surrogate: M2PFTeDA	*9.17*		"	*12.5*		*73.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.90*		"	*100*		*2.90*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*34.6*		"	*23.9*		*144*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*34.6*		"	*50.0*		*69.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*37.8*		"	*25.0*		*151*	*10-150*				
Surrogate: d3-N-MeFOSAA	*92.5*		"	*50.0*		*185*	*25-150*				
Surrogate: d5-N-EtFOSAA	*111*		"	*50.0*		*221*	*25-150*				
Surrogate: M2-6:2 FTS	*98.9*		"	*47.5*		*208*	*25-200*				
Surrogate: M2-8:2 FTS	*118*		"	*48.0*		*246*	*25-200*				
Surrogate: M9PFNA	*14.6*		"	*12.5*		*117*	*25-150*				
Surrogate: M2-4:2 FTS	*90.8*		"	*46.9*		*194*	*25-150*				
Surrogate: d-N-MeFOSA	*30.0*		"	*25.0*		*120*	*25-150*				
Surrogate: d-N-EtFOSA	*25.6*		"	*25.0*		*102*	*25-150*				
Surrogate: M3HFPO-DA	*137*		"	*100*		*137*	*25-150*				
Surrogate: d9-N-EtFOSE	*170*		"	*250*		*68.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*151*		"	*250*		*60.6*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40632 - EPA 3550C											
Blank (BI40632-BLK1) Blank								Prepared & Analyzed: 09/11/2024			
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
alpha-Chlordane	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
gamma-Chlordane	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.165	"								
Surrogate: Decachlorobiphenyl	*0.0469*		*"*	*0.0667*		*70.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0601*		*"*	*0.0667*		*90.2*	*30-150*				
LCS (BI40632-BS1) LCS								Prepared & Analyzed: 09/11/2024			
4,4'-DDD	0.0248	0.00165	mg/kg wet	0.0333		74.4	40-140				
4,4'-DDE	0.0242	0.00165	"	0.0333		72.5	40-140				
4,4'-DDT	0.0225	0.00165	"	0.0333		67.6	40-140				
Aldrin	0.0281	0.00165	"	0.0333		84.3	40-140				
alpha-BHC	0.0279	0.00165	"	0.0333		83.8	40-140				
alpha-Chlordane	0.0279	0.00165	"	0.0333		83.6	40-140				
beta-BHC	0.0329	0.00165	"	0.0333		98.7	40-140				
delta-BHC	0.0269	0.00165	"	0.0333		80.8	40-140				
Dieldrin	0.0271	0.00165	"	0.0333		81.2	40-140				
Endosulfan I	0.0331	0.00165	"	0.0333		99.2	40-140				
Endosulfan II	0.0297	0.00165	"	0.0333		89.1	40-140				
Endosulfan sulfate	0.0245	0.00165	"	0.0333		73.5	40-140				
Endrin	0.0263	0.00165	"	0.0333		79.0	40-140				
Endrin aldehyde	0.0313	0.00165	"	0.0333		94.0	40-140				
Endrin ketone	0.0273	0.00165	"	0.0333		81.9	40-140				
gamma-BHC (Lindane)	0.0276	0.00165	"	0.0333		82.7	40-140				
gamma-Chlordane	0.0280	0.00165	"	0.0333		84.1	40-140				
Heptachlor	0.0262	0.00165	"	0.0333		78.7	40-140				
Heptachlor epoxide	0.0287	0.00165	"	0.0333		86.1	40-140				
Methoxychlor	0.0222	0.00165	"	0.0333		66.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0446*		*"*	*0.0667*		*67.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0565*		*"*	*0.0667*		*84.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40632 - EPA 3550C											
Matrix Spike (BI40632-MS1) Matrix Spike	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/11/2024			
4,4'-DDD	0.0326	0.00195	mg/kg dry	0.0394	ND	82.8	30-150				
4,4'-DDE	0.0296	0.00195	"	0.0394	ND	75.3	30-150				
4,4'-DDT	0.0332	0.00195	"	0.0394	ND	84.4	30-150				
Aldrin	0.0334	0.00195	"	0.0394	ND	84.8	30-150				
alpha-BHC	0.0479	0.00195	"	0.0394	ND	122	30-150				
alpha-Chlordane	0.0299	0.00195	"	0.0394	ND	76.0	30-150				
beta-BHC	0.0410	0.00195	"	0.0394	ND	104	30-150				
delta-BHC	0.0321	0.00195	"	0.0394	ND	81.6	30-150				
Dieldrin	0.0300	0.00195	"	0.0394	ND	76.3	30-150				
Endosulfan I	0.0306	0.00195	"	0.0394	ND	77.6	30-150				
Endosulfan II	0.0334	0.00195	"	0.0394	ND	85.0	30-150				
Endosulfan sulfate	0.0294	0.00195	"	0.0394	ND	74.6	30-150				
Endrin	0.0304	0.00195	"	0.0394	ND	77.3	30-150				
Endrin aldehyde	0.0333	0.00195	"	0.0394	ND	84.7	30-150				
Endrin ketone	0.0331	0.00195	"	0.0394	ND	84.1	30-150				
gamma-BHC (Lindane)	0.0341	0.00195	"	0.0394	ND	86.6	30-150				
gamma-Chlordane	0.0302	0.00195	"	0.0394	ND	76.8	30-150				
Heptachlor	0.0311	0.00195	"	0.0394	ND	78.9	30-150				
Heptachlor epoxide	0.0316	0.00195	"	0.0394	ND	80.3	30-150				
Methoxychlor	0.0365	0.00195	"	0.0394	ND	92.7	30-150				
Surrogate: Decachlorobiphenyl	*0.0525*		*"*	*0.0787*		*66.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0778*		*"*	*0.0787*		*98.8*	*30-150*				
Matrix Spike Dup (BI40632-M Matrix Spike Dup	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/11/2024			
4,4'-DDD	0.0298	0.00195	mg/kg dry	0.0394	ND	75.7	30-150		8.96	30	
4,4'-DDE	0.0293	0.00195	"	0.0394	ND	74.5	30-150		1.09	30	
4,4'-DDT	0.0295	0.00195	"	0.0394	ND	75.1	30-150		11.7	30	
Aldrin	0.0330	0.00195	"	0.0394	ND	83.7	30-150		1.31	30	
alpha-BHC	0.0400	0.00195	"	0.0394	ND	102	30-150		18.0	30	
alpha-Chlordane	0.0300	0.00195	"	0.0394	ND	76.3	30-150		0.388	30	
beta-BHC	0.0374	0.00195	"	0.0394	ND	95.0	30-150		9.32	30	
delta-BHC	0.0322	0.00195	"	0.0394	ND	81.8	30-150		0.214	30	
Dieldrin	0.0297	0.00195	"	0.0394	ND	75.5	30-150		1.07	30	
Endosulfan I	0.0307	0.00195	"	0.0394	ND	78.1	30-150		0.597	30	
Endosulfan II	0.0317	0.00195	"	0.0394	ND	80.5	30-150		5.43	30	
Endosulfan sulfate	0.0290	0.00195	"	0.0394	ND	73.6	30-150		1.36	30	
Endrin	0.0290	0.00195	"	0.0394	ND	73.7	30-150		4.80	30	
Endrin aldehyde	0.0331	0.00195	"	0.0394	ND	84.1	30-150		0.634	30	
Endrin ketone	0.0331	0.00195	"	0.0394	ND	84.0	30-150		0.119	30	
gamma-BHC (Lindane)	0.0330	0.00195	"	0.0394	ND	83.8	30-150		3.32	30	
gamma-Chlordane	0.0301	0.00195	"	0.0394	ND	76.4	30-150		0.640	30	
Heptachlor	0.0299	0.00195	"	0.0394	ND	75.9	30-150		3.99	30	
Heptachlor epoxide	0.0314	0.00195	"	0.0394	ND	79.7	30-150		0.750	30	
Methoxychlor	0.0332	0.00195	"	0.0394	ND	84.3	30-150		9.48	30	
Surrogate: Decachlorobiphenyl	*0.0541*		*"*	*0.0787*		*68.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0741*		*"*	*0.0787*		*94.1*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40632 - EPA 3550C											
Blank (BI40632-BLK2) Blank								Prepared & Analyzed: 09/11/2024			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0507*		"	*0.0667*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0323*		"	*0.0667*		*48.5*	*30-120*				
LCS (BI40632-BS2) LCS								Prepared & Analyzed: 09/11/2024			
Aroclor 1016	0.258	0.0167	mg/kg wet	0.333		77.5	40-130				
Aroclor 1260	0.262	0.0167	"	0.333		78.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0480*		"	*0.0667*		*72.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0337*		"	*0.0667*		*50.5*	*30-120*				
Matrix Spike (BI40632-MS2) Matrix Spike *Source sample: 24I0367-01 (PE24_15)								Prepared & Analyzed: 09/11/2024			
Aroclor 1016	0.0918	0.0197	mg/kg dry	0.394	ND	23.3	40-140	Low Bias			
Aroclor 1260	0.166	0.0197	"	0.394	ND	42.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0476*		"	*0.0787*		*60.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0401*		"	*0.0787*		*51.0*	*30-120*				
Matrix Spike Dup (BI40632-M Matrix Spike Dup *Source sample: 24I0367-01 (PE24_15)								Prepared & Analyzed: 09/11/2024			
Aroclor 1016	0.149	0.0197	mg/kg dry	0.394	ND	38.0	40-140	Low Bias	47.8	50	
Aroclor 1260	0.221	0.0197	"	0.394	ND	56.1	40-140		28.5	50	
Surrogate: Tetrachloro-m-xylene	*0.0547*		"	*0.0787*		*69.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0567*		"	*0.0787*		*72.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40430 - EPA 3550C/8151A											
Blank (BI40430-BLK1) Blank									Prepared: 09/09/2024 Analyzed: 09/11/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.371*		*"*	*0.415*		*89.4*	*21-150*				
LCS (BI40430-BS1) LCS									Prepared: 09/09/2024 Analyzed: 09/11/2024		
2,4,5-T	0.0532	0.0199	mg/kg wet	0.0664		80.0	10-120				
2,4,5-TP (Silvex)	0.0556	0.0199	"	0.0664		83.7	10-120				
2,4-D	0.0631	0.0199	"	0.0664		95.0	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.375*		*"*	*0.415*		*90.2*	*21-150*				
Batch BI40710 - EPA 3550C/8151A											
Blank (BI40710-BLK1) Blank									Prepared & Analyzed: 09/12/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.225*		*"*	*0.415*		*54.2*	*21-150*				
LCS (BI40710-BS1) LCS									Prepared & Analyzed: 09/12/2024		
2,4,5-T	0.0573	0.0199	mg/kg wet	0.0664		86.2	10-120				
2,4,5-TP (Silvex)	0.0540	0.0199	"	0.0664		81.2	10-120				
2,4-D	0.0507	0.0199	"	0.0664		76.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.340*		*"*	*0.415*		*81.8*	*21-150*				
Matrix Spike (BI40710-MS1) Matrix Spike *Source sample: 24I0367-01 (PE24_15)									Prepared & Analyzed: 09/12/2024		
2,4,5-T	0.0510	0.0235	mg/kg dry	0.0785	ND	65.0	10-120				
2,4,5-TP (Silvex)	0.0579	0.0235	"	0.0785	ND	73.8	10-120				
2,4-D	0.118	0.0235	"	0.0785	ND	150	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.387*		*"*	*0.490*		*79.0*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40710 - EPA 3550C/8151A											
Matrix Spike Dup (BI40710-M Matrix Spike Dup	*Source sample: 24I0367-01 (PE24_15)								Prepared & Analyzed: 09/12/2024		
2,4,5-T	0.0657	0.0235	mg/kg dry	0.0785	ND	83.8	10-120		25.2	35	
2,4,5-TP (Silvex)	0.0647	0.0235	"	0.0785	ND	82.5	10-120		11.2	35	
2,4-D	0.126	0.0235	"	0.0785	ND	160	10-118	High Bias	6.45	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.434*		*"*	*0.490*		*88.6*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40670 - EPA 3050B											
Blank (BI40670-BLK1) Blank									Prepared: 09/11/2024 Analyzed: 09/12/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	10.8	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	5.18	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BI40670-DUP1) Duplicate *Source sample: 24I0367-01 (PE24_15)									Prepared: 09/11/2024 Analyzed: 09/12/2024		
Aluminum	8310	4.92	mg/kg dry		8610				3.49	35	
Antimony	ND	2.46	"		ND					35	
Arsenic	8.43	1.48	"		7.93				6.13	35	
Barium	1600	2.46	"		675				81.2	35	Non-dir.
Beryllium	ND	0.050	"		ND					35	
Cadmium	0.945	0.295	"		0.699				29.9	35	
Calcium	17300	4.92	"		4970				111	35	Non-dir.
Chromium	25.1	0.492	"		25.7				2.32	35	
Cobalt	5.60	0.393	"		6.86				20.2	35	
Copper	85.4	1.97	"		313				114	35	Non-dir.
Iron	17800	24.6	"		17700				0.601	35	
Lead	1140	0.492	"		458				85.6	35	Non-dir.
Magnesium	2240	4.92	"		1910				15.9	35	
Manganese	216	0.492	"		140				42.5	35	Non-dir.
Nickel	17.0	0.980	"		23.9				34.0	35	
Potassium	704	4.92	"		590				17.7	35	
Selenium	ND	2.46	"		ND					35	
Silver	0.649	0.496	"		ND					35	
Sodium	482	49.2	"		487				0.900	35	
Thallium	ND	2.46	"		ND					35	
Vanadium	28.8	0.980	"		34.8				18.8	35	
Zinc	1670	2.45	"		556				100	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40670 - EPA 3050B											
Matrix Spike (BI40670-MS1) Matrix Spike	*Source sample: 24I0367-01 (PE24_15)							Prepared: 09/11/2024 Analyzed: 09/12/2024			
Aluminum	8690	4.92	mg/kg dry	197	8610	43.6	75-125	Low Bias			
Antimony	11.7	2.46	"	24.6	ND	47.5	75-125	Low Bias			
Arsenic	232	1.48	"	197	7.93	114	75-125				
Barium	1710	2.46	"	197	675	526	75-125	High Bias			
Beryllium	5.18	0.050	"	4.92	ND	105	75-125				
Cadmium	6.73	0.295	"	4.92	0.699	123	75-125				
Calcium	5860	4.92	"	98.4	4970	909	75-125	High Bias			
Chromium	54.5	0.492	"	19.7	25.7	146	75-125	High Bias			
Cobalt	58.7	0.393	"	49.2	6.86	105	75-125				
Copper	139	1.97	"	24.6	313	NR	75-125	Low Bias			
Iron	21100	24.6	"	98.4	17700	NR	75-125	High Bias			
Lead	502	0.492	"	49.2	458	88.4	75-125				
Magnesium	2040	4.92	"	98.4	1910	133	75-125	High Bias			
Manganese	220	0.492	"	49.2	140	163	75-125	High Bias			
Nickel	70.0	0.980	"	49.2	23.9	93.6	75-125				
Potassium	723	4.92	"	98.4	590	136	75-125	High Bias			
Selenium	210	2.46	"	197	ND	107	75-125				
Silver	5.66	0.496	"	4.92	ND	115	75-125				
Sodium	467	49.2	"	98.4	487	NR	75-125	Low Bias			
Thallium	223	2.46	"	197	ND	113	75-125				
Vanadium	73.5	0.980	"	49.2	34.8	78.6	75-125				
Zinc	1070	2.45	"	49.2	556	NR	75-125	High Bias			
Post Spike (BI40670-PS1) Post Spike	*Source sample: 24I0367-01 (PE24_15)							Prepared: 09/11/2024 Analyzed: 09/12/2024			
Aluminum	88.2		ug/mL	2.00	87.5	38.6	75-125	Low Bias			
Antimony	0.265		"	0.250	0.003	105	75-125				
Arsenic	2.03		"	2.00	0.081	97.4	75-125				
Barium	8.72		"	2.00	6.86	93.1	75-125				
Beryllium	0.050		"	0.0500	-0.0002	99.6	75-125				
Cadmium	0.054		"	0.0500	0.007	94.4	75-125				
Calcium	50.7		"	1.00	50.5	17.4	75-125	Low Bias			
Chromium	0.454		"	0.200	0.261	96.5	75-125				
Cobalt	0.569		"	0.500	0.070	99.8	75-125				
Copper	3.42		"	0.250	3.18	97.4	75-125				
Iron	179		"	1.00	180	NR	75-125	Low Bias			
Lead	5.08		"	0.500	4.66	84.1	75-125				
Magnesium	20.1		"	1.00	19.4	73.2	75-125	Low Bias			
Manganese	1.91		"	0.500	1.43	96.3	75-125				
Nickel	0.748		"	0.500	0.243	101	75-125				
Potassium	6.90		"	1.00	5.99	90.6	75-125				
Selenium	1.86		"	2.00	0.009	92.4	75-125				
Silver	0.058		"	0.0500	0.005	106	75-125				
Sodium	5.85		"	1.00	4.95	90.5	75-125				
Thallium	1.93		"	2.00	-0.016	96.7	75-125				
Vanadium	0.844		"	0.500	0.354	97.9	75-125				
Zinc	6.06		"	0.500	5.65	81.9	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40670 - EPA 3050B											
Reference (BI40670-SRM1) Reference											
Prepared: 09/11/2024 Analyzed: 09/12/2024											
Aluminum	6300	4.17	mg/kg wet	7680		82.1	35.7-119				
Antimony	77.6	2.08	"	244		31.8	0-99.5				
Arsenic	251	1.25	"	283		88.7	69.9-101.4				
Barium	340	2.08	"	326		104	73.9-107.1				
Beryllium	180	0.042	"	175		103	75.4-107.4				
Cadmium	89.3	0.250	"	95.8		93.2	72.3-103.7				
Calcium	5590	4.17	"	5470		102	79.5-113.2				
Chromium	229	0.417	"	239		95.9	72.4-106.3				
Cobalt	145	0.333	"	150		96.7	76-107.3				
Copper	228	1.67	"	217		105	74.7-105.1				
Iron	6810	20.8	"	7360		92.5	53-127.9				
Lead	200	0.417	"	210		95.4	75.7-109.5				
Magnesium	1960	4.17	"	2080		94.4	67.3-111.1				
Manganese	272	0.417	"	290		93.8	73.4-108.3				
Nickel	332	0.830	"	329		101	74.5-106.7				
Potassium	1830	4.17	"	2330		78.6	60.9-111.6				
Selenium	272	2.08	"	281		96.7	77.6-116.7				
Silver	81.8	0.420	"	82.7		98.9	73.7-111.7				
Sodium	404	41.7	"	427		94.7	71.2-118.7				
Thallium	117	2.08	"	123		94.9	70.2-104.8				
Vanadium	180	0.830	"	192		93.6	68.8-107.8				
Zinc	245	2.08	"	260		94.3	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40655 - EPA 7473 soil											
Blank (BI40655-BLK1) Blank								Prepared & Analyzed: 09/11/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI40655-DUP1) Duplicate	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/11/2024			
Mercury	0.281	0.0354	mg/kg dry		0.335				17.5	35	
Matrix Spike (BI40655-MS1) Matrix Spike	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/11/2024			
Mercury	0.249		mg/kg	0.500	0.283	NR	75-125	Low Bias			
Reference (BI40655-SRM1) Reference								Prepared & Analyzed: 09/11/2024			
Mercury	18.286		mg/kg	18.2		100	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40506 - Analysis Preparation Soil											
Blank (BI40506-BLK1) Blank								Prepared & Analyzed: 09/10/2024			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BI40506-DUP1) Duplicate	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/10/2024			
Cyanide, total	ND	0.590	mg/kg dry		ND					15	
Matrix Spike (BI40506-MS1) Matrix Spike	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/10/2024			
Cyanide, total	7.20	0.590	mg/kg dry	5.90	ND	122	79.6-107	High Bias			
Matrix Spike Dup (BI40506-M Matrix Spike Dup	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/10/2024			
Cyanide, total	7.20	0.590	mg/kg dry	5.90	ND	122	79.6-107	High Bias	0.00	200	
Reference (BI40506-SRM1) Reference								Prepared & Analyzed: 09/10/2024			
Cyanide, total	43.9		ug/mL	59.7		73.6	38.5-161.4				
Batch BI40539 - EPA SW846-3060											
Blank (BI40539-BLK1) Blank								Prepared & Analyzed: 09/10/2024			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BI40539-DUP1) Duplicate	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/10/2024			
Chromium, Hexavalent	ND	0.590	mg/kg dry		ND					35	
Matrix Spike (BI40539-MS1) Matrix Spike	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/10/2024			
Chromium, Hexavalent	9.45	0.590	mg/kg dry	23.6	ND	40.0	75-125	Low Bias			
Matrix Spike Dup (BI40539-M Matrix Spike Dup	*Source sample: 24I0367-01 (PE24_15)							Prepared & Analyzed: 09/10/2024			
Chromium, Hexavalent	8.41	0.590	mg/kg dry	23.6	ND	35.6	75-125	Low Bias	11.6	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40539 - EPA SW846-3060											
Reference (BI40539-SRM1) Reference									Prepared & Analyzed: 09/10/2024		
Chromium, Hexavalent	194		mg/L	227		85.5	42.3-157.7				
Batch BI40779 - Analysis Preparation											
Duplicate (BI40779-DUP1) Duplicate	*Source sample: 24I0367-01 (PE24_15)								Prepared & Analyzed: 09/12/2024		
Chromium, Trivalent	25.1	0.500	mg/kg		25.7				2.36	200	

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40503 - % Solids Prep											
Duplicate (BI40503-DUP1) Duplicate	*Source sample: 24I0367-01 (PE24_15)								Prepared & Analyzed: 09/10/2024		
% Solids	82.5	0.100	%		84.7				2.67	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0367-01	PE24_15	40mL Vial with Stir Bar-Cool 4° C
24I0367-02	DUP_09062024	40mL Vial with Stir Bar-Cool 4° C
24I0367-04	TB_09062024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24I0367

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany, NJ	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 12096 Flatlands Ave 100688801

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) X | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Daniel Horvath

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	cr6/cr3	PFAS	1,4-dioxane	Grab or Comp.
PE24-15	09/06	1300	S	3									1	X	X	X	X	X	X	X	X	X	G/C
DUP-09062024	↓	1310	S	3									1	X	X	X	X	X	X	X	X	X	G/C
EB-09062024	↓	1330	AQ	2																	X		G/C
TB-09062024	—	—	—		2									X									

Report Type (circle): QA Report | Summary (Results Only) | NY ASP B Package | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | NYSDEC EQuIS | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered | Lab Filtered

Comments:

Extra volume provided for MS/MSD

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Daniel Horvath / LANGAN	09/06/24	MFI	9/6/24 1617 7.5C	MFI	9/6/24 17:35
Samples Received by / Company	**Date/Time**	**3. Samples Relinquished by / Company**	**Date/Time**	**3. Samples Received by / Company**	**Date/Time**
	9/6/24 17:35		9/6/24 19:55		
Samples Relinquished by / Company	**Date/Time**	**4. Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time / Temperature**
					9/6/24 19:55 3.4C Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/19/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0428

Report Date: 09/19/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0428

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 09, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24I0428-01	PE06_15	Soil	09/09/2024	09/09/2024
24I0428-02	EB_09092024	Water	09/09/2024	09/09/2024
24I0428-03	TB_09092024	Water	09/09/2024	09/09/2024

General Notes for York Project (SDG) No.: 24I0428

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 09/19/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.068	0.14	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.059**		mg/kg dry	0.0068	0.014	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0068	0.014	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE, ICVE	mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE, ICVE	mg/kg dry	0.0034	0.0068	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C	09/10/2024 09:00	09/10/2024 19:54	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.7 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0935	0.187	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0935	0.187	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	09/16/2024 08:34	09/17/2024 11:54	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*58.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 15:30	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*71.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0597	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.206	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.188	0.210	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.215	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.451	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.225	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.215	0.218	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.671	0.857	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.851	0.866	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.902	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.401	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.218	0.451	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0699	0.451	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.451	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.671	0.845	1	EPA 1633 Draft 3	09/12/2024 16:01	09/15/2024 16:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.685	0.902	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 16:56	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 16:56	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.277	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 16:56	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 16:56	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 16:56	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/12/2024 16:01	09/15/2024 16:56	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.715	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 16:56	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 16:56	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 16:56	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.689	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 16:56	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 16:56	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.786	2.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 16:56	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/12/2024 16:01	09/15/2024 16:56	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*136 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*124 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*128 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*137 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*124 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*80.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*119 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*140 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*111 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*136 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*135 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*144 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*217 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*127 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*137 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*274 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*87.9 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*74.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*44.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.2 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	09/16/2024 08:30	09/16/2024 22:44	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	09/16/2024 08:30	09/16/2024 19:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	09/16/2024 08:30	09/16/2024 19:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	09/16/2024 08:30	09/16/2024 19:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	09/16/2024 08:30	09/16/2024 19:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	09/16/2024 08:30	09/16/2024 19:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	09/16/2024 08:30	09/16/2024 19:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	09/16/2024 08:30	09/16/2024 19:42	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	09/16/2024 08:30	09/16/2024 19:42	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0228	1	EPA 8151A	09/16/2024 08:42	09/16/2024 21:21	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0228	1	EPA 8151A	09/16/2024 08:42	09/16/2024 21:21	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0228	1	EPA 8151A	09/16/2024 08:42	09/16/2024 21:21	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*97.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8500**		mg/kg dry	4.78	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.39	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.99**		mg/kg dry	1.43	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**20.1**		mg/kg dry	2.39	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.277**		mg/kg dry	0.048	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.287	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**575**		mg/kg dry	4.78	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.5**		mg/kg dry	0.479	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.81**		mg/kg dry	0.382	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**12.0**		mg/kg dry	1.91	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**10400**		mg/kg dry	23.9	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**4.63**		mg/kg dry	0.479	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1780**		mg/kg dry	4.79	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**56.7**		mg/kg dry	0.479	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.0**		mg/kg dry	0.952	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**396**		mg/kg dry	4.79	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.39	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.482	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**72.3**		mg/kg dry	47.8	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.39	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.3**		mg/kg dry	0.952	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**15.3**		mg/kg dry	2.38	1	EPA 6010D	09/15/2024 08:27	09/16/2024 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0344	1	EPA 7473	09/14/2024 09:10	09/15/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.574	1	EPA 7196A	09/10/2024 09:18	09/10/2024 16:48	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.5**		mg/kg	0.500	1	Calculation	09/17/2024 15:41	09/17/2024 16:02	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.574	1	EPA 9014/9010C	09/10/2024 07:50	09/10/2024 12:47	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE06_15 **York Sample ID:** 24I0428-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Soil	September 9, 2024 12:15 pm	09/09/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.1**		%	0.100	1	SM 2540G	09/10/2024 10:04	09/10/2024 15:11	HLY
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: EB_09092024 **York Sample ID:** 24I0428-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Water	September 9, 2024 2:00 pm	09/09/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.458	1.72	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.341	1.95	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.692	1.95	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.662	1.78	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.409	1.95	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.799	1.81	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.506	1.95	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.730	1.95	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.95	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.857	1.95	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.721	1.95	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.672	1.95	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.769	1.95	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	1.00	1.95	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.224	3.90	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.857	1.95	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.886	1.86	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.29	1.88	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.03	7.40	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	7.48	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.321	7.79	1	EPA 1633 Draft 3	09/17/2024 15:25	09/18/2024 20:56	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: EB_09092024 **York Sample ID:** 24I0428-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Water	September 9, 2024 2:00 pm	09/09/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.487	3.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/17/2024 15:25	09/18/2024 20:56	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.08	3.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/17/2024 15:25	09/18/2024 20:56	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.243	3.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/17/2024 15:25	09/18/2024 20:56	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.360	3.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/17/2024 15:25	09/18/2024 20:56	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.740	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 20:56	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.74	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 20:56	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.15	7.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 20:56	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.34	7.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 20:56	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.682	7.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 20:56	AM
919005-14-4	ADONA	ND		ng/L	0.516	7.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 20:56	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ng/L	0.906	1.89	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 20:56	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.838	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/17/2024 15:25	09/18/2024 20:56	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.98	4.87	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 20:56	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.14	24.3	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 20:56	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.22	24.3	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 20:56	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.89	19.5	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 20:56	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.54	1.95	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 20:56	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.89	19.5	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 20:56	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.75	1.95	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 20:56	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*126 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*117 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*	*25-150*

Sample Information

Client Sample ID: EB_09092024 **York Sample ID:** 24I0428-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Water	September 9, 2024 2:00 pm	09/09/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*135 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*144 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*129 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*96.3 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.66 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*128 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*76.6 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*130 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*113 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*219 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*143 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*123 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*234 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*132 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*109 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*131 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*67.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*70.6 %*			*25-150*						

Sample Information

Client Sample ID: TB_09092024 **York Sample ID:** 24I0428-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Water	September 9, 2024 2:00 pm	09/09/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09092024 **York Sample ID:** 24I0428-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Water	September 9, 2024 2:00 pm	09/09/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**2.16**		ug/L	1.34	2.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**2.61**		ug/L	0.422	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, ICVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09092024 **York Sample ID:** 24I0428-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Water	September 9, 2024 2:00 pm	09/09/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_09092024 **York Sample ID:** 24I0428-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0428	100688801	Water	September 9, 2024 2:00 pm	09/09/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/10/2024 09:27	09/10/2024 17:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*81.7 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*86.3 %*	*70-130*

Analytical Batch Summary

Batch ID: BI40506 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-01	PE06_15	09/10/24
BI40506-BLK1	Blank	09/10/24
BI40506-SRM1	Reference	09/10/24

Batch ID: BI40539 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-01	PE06_15	09/10/24
BI40539-BLK1	Blank	09/10/24
BI40539-SRM1	Reference	09/10/24

Batch ID: BI40545 **Preparation Method:** % Solids Prep **Prepared By:** HLY

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-01	PE06_15	09/10/24

Batch ID: BI40676 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-03	TB_09092024	09/10/24
BI40676-BLK1	Blank	09/10/24
BI40676-BS1	LCS	09/10/24
BI40676-BSD1	LCS Dup	09/10/24

Batch ID: BI40681 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-01	PE06_15	09/10/24
BI40681-BLK1	Blank	09/10/24
BI40681-BS1	LCS	09/10/24
BI40681-BSD1	LCS Dup	09/10/24

Batch ID: BI40777 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-01	PE06_15	09/12/24
BI40777-BLK1	Blank	09/12/24
BI40777-BS1	LCS	09/12/24
BI40777-BS2	LCS	09/12/24

Batch ID: BI40871 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-01	PE06_15	09/14/24
BI40871-BLK1	Blank	09/14/24
BI40871-SRM1	Reference	09/14/24

Batch ID: BI40889 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-01	PE06_15	09/15/24
BI40889-BLK1	Blank	09/15/24
BI40889-BS1	LCS	09/15/24

Batch ID: BI40892 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-01	PE06_15	09/15/24
BI40892-BLK1	Blank	09/15/24
BI40892-SRM1	Reference	09/15/24

Batch ID: BI40936 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-01	PE06_15	09/16/24
24I0428-01	PE06_15	09/16/24
BI40936-BLK1	Blank	09/16/24
BI40936-BLK2	Blank	09/16/24
BI40936-BS1	LCS	09/16/24
BI40936-BS2	LCS	09/16/24

Batch ID: BI40940 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-01	PE06_15	09/16/24
BI40940-BLK1	Blank	09/16/24
BI40940-BS1	LCS	09/16/24

Batch ID: BI40944 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-01	PE06_15	09/16/24
BI40944-BLK1	Blank	09/16/24
BI40944-BS1	LCS	09/16/24

Batch ID: BI41062 **Preparation Method:** EPA 1633 Prep **Prepared By:** DRF

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-02	EB_09092024	09/17/24
BI41062-BLK1	Blank	09/17/24
BI41062-BS1	LCS	09/17/24
BI41062-BS2	LCS	09/17/24
BI41062-DUP1	Duplicate	09/17/24

Batch ID: BI41063 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24I0428-01	PE06_15	09/17/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
Blank (BI40676-BLK1) Blank									Prepared & Analyzed: 09/10/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.140	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
Blank (BI40676-BLK1) Blank								Prepared & Analyzed: 09/10/2024			
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.79*		*"*	*10.0*		*97.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*8.59*		*"*	*10.0*		*85.9*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.02*		*"*	*10.0*		*90.2*	*70-130*				
LCS (BI40676-BS1) LCS								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	9.59		ug/L	10.0		95.9	82-126			30	
1,1,1-Trichloroethane	11.0		"	10.0		110	70-130			20	
1,1,2,2-Tetrachloroethane	8.45		"	10.0		84.5	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	70-130			20	
1,1,2-Trichloroethane	8.79		"	10.0		87.9	70-130			20	
1,1-Dichloroethane	11.4		"	10.0		114	70-130			20	
1,1-Dichloroethylene	12.3		"	10.0		123	70-130			20	
1,1-Dichloropropylene	12.2		"	10.0		122	83-133			30	
1,2,3-Trichlorobenzene	7.08		"	10.0		70.8	70-130			20	
1,2,3-Trichloropropane	8.08		"	10.0		80.8	77-128			30	
1,2,4-Trichlorobenzene	7.63		"	10.0		76.3	70-130			20	
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132			20	
1,2-Dibromo-3-chloropropane	6.56		"	10.0		65.6	40-160			20	
1,2-Dibromoethane	8.77		"	10.0		87.7	70-130			20	
1,2-Dichlorobenzene	8.99		"	10.0		89.9	70-130			20	
1,2-Dichloroethane	10.0		"	10.0		100	70-130			20	
1,2-Dichloropropane	10.0		"	10.0		100	70-130			20	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131			30	
1,3-Dichlorobenzene	9.43		"	10.0		94.3	70-130			20	
1,3-Dichloropropane	8.92		"	10.0		89.2	81-125			30	
1,4-Dichlorobenzene	9.07		"	10.0		90.7	70-130			20	
1,4-Dioxane	151		"	210		72.1	40-160			20	
2,2-Dichloropropane	12.0		"	10.0		120	56-150			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
LCS (BI40676-BS1) LCS								Prepared & Analyzed: 09/10/2024			
2-Butanone	6.13		ug/L	10.0		61.3	40-160			20	
2-Chlorotoluene	10.0		"	10.0		100	79-130			30	
2-Hexanone	7.07		"	10.0		70.7	40-160			20	
4-Chlorotoluene	9.99		"	10.0		99.9	79-128			30	
4-Methyl-2-pentanone	6.33		"	10.0		63.3	40-160			20	
Acetone	8.47		"	10.0		84.7	40-160			20	
Acrolein	2.41		"	10.0		24.1	10-153			30	
Acrylonitrile	9.04		"	10.0		90.4	51-150			30	
Benzene	12.2		"	10.0		122	70-130			20	
Bromobenzene	9.33		"	10.0		93.3	78-129			30	
Bromochloromethane	10.3		"	10.0		103	70-130			20	
Bromodichloromethane	8.69		"	10.0		86.9	70-130			20	
Bromoform	5.77		"	10.0		57.7	70-130	Low Bias		20	
Bromomethane	11.4		"	10.0		114	40-160			20	
Carbon disulfide	11.5		"	10.0		115	40-160			20	
Carbon tetrachloride	11.3		"	10.0		113	70-130			20	
Chlorobenzene	10.2		"	10.0		102	70-130			20	
Chloroethane	10.6		"	10.0		106	40-160			20	
Chloroform	11.0		"	10.0		110	70-130			20	
Chloromethane	12.7		"	10.0		127	40-160			20	
cis-1,2-Dichloroethylene	11.5		"	10.0		115	70-130			20	
cis-1,3-Dichloropropylene	8.88		"	10.0		88.8	70-130			20	
Cyclohexane	5.96		"	10.0		59.6	70-130	Low Bias		20	
Dibromochloromethane	8.10		"	10.0		81.0	70-130			20	
Dibromomethane	8.34		"	10.0		83.4	72-134			30	
Dichlorodifluoromethane	15.2		"	10.0		152	40-160			20	
Ethyl Benzene	11.1		"	10.0		111	70-130			20	
Hexachlorobutadiene	8.03		"	10.0		80.3	67-146			30	
Isopropylbenzene	10.8		"	10.0		108	70-130			20	
Methyl acetate	8.63		"	10.0		86.3	70-130			20	
Methyl tert-butyl ether (MTBE)	9.15		"	10.0		91.5	70-130			20	
Methylcyclohexane	10.3		"	10.0		103	70-130			20	
Methylene chloride	10.7		"	10.0		107	70-130			20	
n-Butylbenzene	9.84		"	10.0		98.4	79-132			30	
n-Propylbenzene	10.6		"	10.0		106	78-133			30	
o-Xylene	10.6		"	10.0		106	70-130			20	
p- & m- Xylenes	21.7		"	20.0		108	70-130			20	
p-Isopropyltoluene	10.5		"	10.0		105	81-136			30	
sec-Butylbenzene	10.2		"	10.0		102	79-137			30	
Styrene	11.0		"	10.0		110	70-130			20	
tert-Butyl alcohol (TBA)	22.7		"	50.0		45.5	25-162			30	
tert-Butylbenzene	9.12		"	10.0		91.2	77-138			30	
Tetrachloroethylene	10.3		"	10.0		103	70-130			20	
Toluene	10.5		"	10.0		105	70-130			20	
trans-1,2-Dichloroethylene	12.0		"	10.0		120	70-130			20	
trans-1,3-Dichloropropylene	8.26		"	10.0		82.6	70-130			20	
Trichloroethylene	10.3		"	10.0		103	70-130			20	
Trichlorofluoromethane	10.8		"	10.0		108	40-160			20	
Vinyl Chloride	12.0		"	10.0		120	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.31*		*"*	*10.0*		*83.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.14*		*"*	*10.0*		*91.4*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
LCS (BI40676-BS1) LCS							Prepared & Analyzed: 09/10/2024				
Surrogate: SURR: p-Bromofluorobenzene	*9.52*		*ug/L*	*10.0*		*95.2*	*70-130*				
LCS Dup (BI40676-BSD1) LCS Dup							Prepared & Analyzed: 09/10/2024				
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		5.18	30	
1,1,1-Trichloroethane	11.0		"	10.0		110	70-130		0.182	20	
1,1,2,2-Tetrachloroethane	9.56		"	10.0		95.6	70-130		12.3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	70-130		1.85	20	
1,1,2-Trichloroethane	9.85		"	10.0		98.5	70-130		11.4	20	
1,1-Dichloroethane	11.4		"	10.0		114	70-130		0.351	20	
1,1-Dichloroethylene	12.0		"	10.0		120	70-130		2.22	20	
1,1-Dichloropropylene	12.1		"	10.0		121	83-133		0.578	30	
1,2,3-Trichlorobenzene	8.33		"	10.0		83.3	70-130		16.2	20	
1,2,3-Trichloropropane	9.18		"	10.0		91.8	77-128		12.7	30	
1,2,4-Trichlorobenzene	8.56		"	10.0		85.6	70-130		11.5	20	
1,2,4-Trimethylbenzene	9.73		"	10.0		97.3	82-132		2.84	20	
1,2-Dibromo-3-chloropropane	7.59		"	10.0		75.9	40-160		14.6	20	
1,2-Dibromoethane	9.70		"	10.0		97.0	70-130		10.1	20	
1,2-Dichlorobenzene	9.51		"	10.0		95.1	70-130		5.62	20	
1,2-Dichloroethane	11.3		"	10.0		113	70-130		11.7	20	
1,2-Dichloropropane	10.3		"	10.0		103	70-130		2.76	20	
1,3,5-Trimethylbenzene	9.89		"	10.0		98.9	80-131		4.64	30	
1,3-Dichlorobenzene	9.47		"	10.0		94.7	70-130		0.423	20	
1,3-Dichloropropane	9.95		"	10.0		99.5	81-125		10.9	30	
1,4-Dichlorobenzene	9.18		"	10.0		91.8	70-130		1.21	20	
1,4-Dioxane	193		"	210		92.1	40-160		24.3	20	Non-dir.
2,2-Dichloropropane	12.0		"	10.0		120	56-150		0.833	30	
2-Butanone	8.70		"	10.0		87.0	40-160		34.7	20	Non-dir.
2-Chlorotoluene	9.60		"	10.0		96.0	79-130		4.08	30	
2-Hexanone	9.06		"	10.0		90.6	40-160		24.7	20	Non-dir.
4-Chlorotoluene	9.81		"	10.0		98.1	79-128		1.82	30	
4-Methyl-2-pentanone	7.73		"	10.0		77.3	40-160		19.9	20	
Acetone	9.12		"	10.0		91.2	40-160		7.39	20	
Acrolein	2.56		"	10.0		25.6	10-153		6.04	30	
Acrylonitrile	11.3		"	10.0		113	51-150		22.0	30	
Benzene	12.5		"	10.0		125	70-130		2.58	20	
Bromobenzene	9.43		"	10.0		94.3	78-129		1.07	30	
Bromochloromethane	11.3		"	10.0		113	70-130		9.29	20	
Bromodichloromethane	9.01		"	10.0		90.1	70-130		3.62	20	
Bromoform	6.79		"	10.0		67.9	70-130	Low Bias	16.2	20	
Bromomethane	11.1		"	10.0		111	40-160		2.57	20	
Carbon disulfide	11.2		"	10.0		112	40-160		2.38	20	
Carbon tetrachloride	11.3		"	10.0		113	70-130		0.0886	20	
Chlorobenzene	10.2		"	10.0		102	70-130		0.685	20	
Chloroethane	10.3		"	10.0		103	40-160		2.68	20	
Chloroform	11.4		"	10.0		114	70-130		3.93	20	
Chloromethane	12.4		"	10.0		124	40-160		2.71	20	
cis-1,2-Dichloroethylene	11.8		"	10.0		118	70-130		3.35	20	
cis-1,3-Dichloropropylene	9.30		"	10.0		93.0	70-130		4.62	20	
Cyclohexane	5.92		"	10.0		59.2	70-130	Low Bias	0.673	20	
Dibromochloromethane	9.05		"	10.0		90.5	70-130		11.1	20	
Dibromomethane	9.45		"	10.0		94.5	72-134		12.5	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40676 - EPA 5030B											
LCS Dup (BI40676-BSD1) LCS Dup							Prepared & Analyzed: 09/10/2024				
Dichlorodifluoromethane	14.8		ug/L	10.0		148	40-160		2.34	20	
Ethyl Benzene	10.9		"	10.0		109	70-130		1.72	20	
Hexachlorobutadiene	8.38		"	10.0		83.8	67-146		4.27	30	
Isopropylbenzene	10.0		"	10.0		100	70-130		7.95	20	
Methyl acetate	10.6		"	10.0		106	70-130		20.2	20	Non-dir.
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130		21.7	20	Non-dir.
Methylcyclohexane	9.76		"	10.0		97.6	70-130		5.09	20	
Methylene chloride	11.3		"	10.0		113	70-130		5.44	20	
n-Butylbenzene	9.65		"	10.0		96.5	79-132		1.95	30	
n-Propylbenzene	9.99		"	10.0		99.9	78-133		6.11	30	
o-Xylene	10.5		"	10.0		105	70-130		0.665	20	
p- & m- Xylenes	21.4		"	20.0		107	70-130		1.11	20	
p-Isopropyltoluene	10.1		"	10.0		101	81-136		3.89	30	
sec-Butylbenzene	9.83		"	10.0		98.3	79-137		4.18	30	
Styrene	11.4		"	10.0		114	70-130		2.77	20	
tert-Butyl alcohol (TBA)	33.3		"	50.0		66.6	25-162		37.7	30	Non-dir.
tert-Butylbenzene	8.53		"	10.0		85.3	77-138		6.69	30	
Tetrachloroethylene	9.94		"	10.0		99.4	70-130		3.36	20	
Toluene	10.2		"	10.0		102	70-130		2.99	20	
trans-1,2-Dichloroethylene	11.9		"	10.0		119	70-130		0.585	20	
trans-1,3-Dichloropropylene	9.31		"	10.0		93.1	70-130		12.0	20	
Trichloroethylene	9.66		"	10.0		96.6	70-130		6.12	20	
Trichlorofluoromethane	10.5		"	10.0		105	40-160		2.82	20	
Vinyl Chloride	11.7		"	10.0		117	70-130		2.86	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.33*		*"*	*10.0*		*93.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*8.89*		*"*	*10.0*		*88.9*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.43*		*"*	*10.0*		*94.3*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40681 - EPA 5035A											
Blank (BI40681-BLK1) Blank									Prepared & Analyzed: 09/10/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40681 - EPA 5035A											
Blank (BI40681-BLK1) Blank								Prepared & Analyzed: 09/10/2024			
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.9*		*ug/L*	*50.0*		*95.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.9*	*76-130*				
LCS (BI40681-BS1) LCS								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	47.2		ug/L	50.0		94.4	75-129			30	
1,1,1-Trichloroethane	45.8		"	50.0		91.5	70-130			30	
1,1,2,2-Tetrachloroethane	45.7		"	50.0		91.4	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.6		"	50.0		91.1	70-130			30	
1,1,2-Trichloroethane	51.2		"	50.0		102	70-130			30	
1,1-Dichloroethane	46.8		"	50.0		93.7	70-130			30	
1,1-Dichloroethylene	47.1		"	50.0		94.3	70-130			30	
1,1-Dichloropropylene	48.0		"	50.0		96.1	77-127			30	
1,2,3-Trichlorobenzene	44.5		"	50.0		88.9	70-130			30	
1,2,3-Trichloropropane	43.4		"	50.0		86.8	81-126			30	
1,2,4-Trichlorobenzene	44.9		"	50.0		89.7	70-130			30	
1,2,4-Trimethylbenzene	46.0		"	50.0		92.1	84-125			30	
1,2-Dibromo-3-chloropropane	42.5		"	50.0		85.0	40-160			30	
1,2-Dibromoethane	44.5		"	50.0		89.1	70-130			30	
1,2-Dichlorobenzene	43.6		"	50.0		87.1	70-130			30	
1,2-Dichloroethane	47.7		"	50.0		95.3	70-130			30	
1,2-Dichloropropane	50.4		"	50.0		101	70-130			30	
1,3,5-Trimethylbenzene	43.9		"	50.0		87.8	82-126			30	
1,3-Dichlorobenzene	43.2		"	50.0		86.3	70-130			30	
1,3-Dichloropropane	46.9		"	50.0		93.8	83-123			30	
1,4-Dichlorobenzene	42.4		"	50.0		84.8	70-130			30	
1,4-Dioxane	938		"	1050		89.3	40-160			30	
2,2-Dichloropropane	47.4		"	50.0		94.9	67-136			30	
2-Butanone	51.6		"	50.0		103	40-160			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40681 - EPA 5035A											
LCS (BI40681-BS1) LCS							Prepared & Analyzed: 09/10/2024				
2-Chlorotoluene	43.4		ug/L	50.0		86.8	78-127			30	
2-Hexanone	43.8		"	50.0		87.5	40-160			30	
4-Chlorotoluene	45.9		"	50.0		91.7	79-125			30	
4-Methyl-2-pentanone	44.0		"	50.0		88.0	40-160			30	
Acetone	41.8		"	50.0		83.5	40-160			30	
Acrolein	11.5		"	50.0		23.0	10-238			30	
Acrylonitrile	55.9		"	50.0		112	66-141			30	
Benzene	50.6		"	50.0		101	70-130			30	
Bromobenzene	42.9		"	50.0		85.8	77-129			30	
Bromochloromethane	47.4		"	50.0		94.8	70-130			30	
Bromodichloromethane	47.1		"	50.0		94.2	70-130			30	
Bromoform	48.7		"	50.0		97.3	70-130			30	
Bromomethane	33.9		"	50.0		67.7	40-160			30	
Carbon disulfide	45.4		"	50.0		90.7	40-160			30	
Carbon tetrachloride	48.7		"	50.0		97.3	70-130			30	
Chlorobenzene	45.0		"	50.0		90.0	70-130			30	
Chloroethane	41.5		"	50.0		83.1	51-142			30	
Chloroform	46.8		"	50.0		93.6	70-130			30	
Chloromethane	30.6		"	50.0		61.1	49-132			30	
cis-1,2-Dichloroethylene	51.0		"	50.0		102	70-130			30	
cis-1,3-Dichloropropylene	48.1		"	50.0		96.2	70-130			30	
Cyclohexane	47.1		"	50.0		94.3	70-130			30	
Dibromochloromethane	46.6		"	50.0		93.3	70-130			30	
Dibromomethane	44.9		"	50.0		89.7	83-124			30	
Dichlorodifluoromethane	16.3		"	50.0		32.6	40-160	Low Bias		30	
Ethyl Benzene	47.3		"	50.0		94.6	70-130			30	
Hexachlorobutadiene	43.7		"	50.0		87.4	83-133			30	
Isopropylbenzene	44.4		"	50.0		88.7	70-130			30	
Methyl acetate	47.8		"	50.0		95.5	70-130			30	
Methyl tert-butyl ether (MTBE)	47.8		"	50.0		95.5	70-130			30	
Methylcyclohexane	45.6		"	50.0		91.2	70-130			30	
Methylene chloride	47.3		"	50.0		94.5	70-130			30	
n-Butylbenzene	43.3		"	50.0		86.6	80-130			30	
n-Propylbenzene	43.3		"	50.0		86.6	74-136			30	
o-Xylene	46.1		"	50.0		92.2	70-130			30	
p- & m- Xylenes	93.2		"	100		93.2	70-130			30	
p-Isopropyltoluene	45.4		"	50.0		90.7	85-125			30	
sec-Butylbenzene	44.2		"	50.0		88.4	83-125			30	
Styrene	48.7		"	50.0		97.4	70-130			30	
tert-Butyl alcohol (TBA)	200		"	250		80.1	70-130			30	
tert-Butylbenzene	42.5		"	50.0		85.0	80-127			30	
Tetrachloroethylene	43.8		"	50.0		87.6	70-130			30	
Toluene	45.2		"	50.0		90.4	70-130			30	
trans-1,2-Dichloroethylene	47.8		"	50.0		95.6	70-130			30	
trans-1,3-Dichloropropylene	46.6		"	50.0		93.3	70-130			30	
Trichloroethylene	48.0		"	50.0		95.9	70-130			30	
Trichlorofluoromethane	37.6		"	50.0		75.2	40-160			30	
Vinyl Chloride	34.7		"	50.0		69.5	70-130	Low Bias		30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.1*		*"*	*50.0*		*94.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.4*		*"*	*50.0*		*94.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.1*		*"*	*50.0*		*94.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40681 - EPA 5035A											
LCS (BI40681-BS1) LCS								Prepared & Analyzed: 09/10/2024			
LCS Dup (BI40681-BSD1) LCS Dup								Prepared & Analyzed: 09/10/2024			
1,1,1,2-Tetrachloroethane	49.7		ug/L	50.0		99.3	75-129		5.06	30	
1,1,1-Trichloroethane	45.8		"	50.0		91.6	70-130		0.0218	30	
1,1,2,2-Tetrachloroethane	47.7		"	50.0		95.5	70-130		4.37	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.2		"	50.0		90.4	70-130		0.793	30	
1,1,2-Trichloroethane	53.2		"	50.0		106	70-130		3.97	30	
1,1-Dichloroethane	46.0		"	50.0		92.0	70-130		1.81	30	
1,1-Dichloroethylene	45.4		"	50.0		90.8	70-130		3.74	30	
1,1-Dichloropropylene	47.5		"	50.0		94.9	77-127		1.21	30	
1,2,3-Trichlorobenzene	47.6		"	50.0		95.2	70-130		6.84	30	
1,2,3-Trichloropropane	45.7		"	50.0		91.4	81-126		5.16	30	
1,2,4-Trichlorobenzene	47.6		"	50.0		95.2	70-130		5.95	30	
1,2,4-Trimethylbenzene	50.1		"	50.0		100	84-125		8.34	30	
1,2-Dibromo-3-chloropropane	45.7		"	50.0		91.5	40-160		7.32	30	
1,2-Dibromoethane	49.1		"	50.0		98.3	70-130		9.82	30	
1,2-Dichlorobenzene	45.9		"	50.0		91.8	70-130		5.23	30	
1,2-Dichloroethane	48.6		"	50.0		97.2	70-130		1.93	30	
1,2-Dichloropropane	52.0		"	50.0		104	70-130		3.16	30	
1,3,5-Trimethylbenzene	46.5		"	50.0		93.0	82-126		5.69	30	
1,3-Dichlorobenzene	46.4		"	50.0		92.7	70-130		7.19	30	
1,3-Dichloropropane	50.4		"	50.0		101	83-123		7.29	30	
1,4-Dichlorobenzene	47.2		"	50.0		94.4	70-130		10.8	30	
1,4-Dioxane	928		"	1050		88.4	40-160		1.06	30	
2,2-Dichloropropane	46.7		"	50.0		93.4	67-136		1.55	30	
2-Butanone	52.9		"	50.0		106	40-160		2.49	30	
2-Chlorotoluene	46.7		"	50.0		93.4	78-127		7.39	30	
2-Hexanone	46.7		"	50.0		93.5	40-160		6.61	30	
4-Chlorotoluene	43.9		"	50.0		87.9	79-125		4.30	30	
4-Methyl-2-pentanone	45.5		"	50.0		91.0	40-160		3.29	30	
Acetone	42.2		"	50.0		84.5	40-160		1.19	30	
Acrolein	16.4		"	50.0		32.9	10-238		35.5	30	Non-dir.
Acrylonitrile	52.9		"	50.0		106	66-141		5.54	30	
Benzene	48.7		"	50.0		97.5	70-130		3.78	30	
Bromobenzene	46.8		"	50.0		93.7	77-129		8.81	30	
Bromochloromethane	49.5		"	50.0		99.0	70-130		4.31	30	
Bromodichloromethane	49.0		"	50.0		98.1	70-130		4.06	30	
Bromoform	50.7		"	50.0		101	70-130		4.07	30	
Bromomethane	35.5		"	50.0		71.0	40-160		4.73	30	
Carbon disulfide	44.4		"	50.0		88.9	40-160		2.03	30	
Carbon tetrachloride	49.0		"	50.0		97.9	70-130		0.594	30	
Chlorobenzene	47.6		"	50.0		95.2	70-130		5.61	30	
Chloroethane	39.2		"	50.0		78.3	51-142		5.92	30	
Chloroform	47.9		"	50.0		95.9	70-130		2.34	30	
Chloromethane	31.5		"	50.0		63.1	49-132		3.12	30	
cis-1,2-Dichloroethylene	51.2		"	50.0		102	70-130		0.352	30	
cis-1,3-Dichloropropylene	48.7		"	50.0		97.3	70-130		1.20	30	
Cyclohexane	45.1		"	50.0		90.2	70-130		4.42	30	
Dibromochloromethane	48.4		"	50.0		96.8	70-130		3.75	30	
Dibromomethane	47.4		"	50.0		94.9	83-124		5.57	30	
Dichlorodifluoromethane	15.0		"	50.0		29.9	40-160	Low Bias	8.52	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40681 - EPA 5035A											
LCS Dup (BI40681-BSD1) LCS Dup								Prepared & Analyzed: 09/10/2024			
Ethyl Benzene	49.2		ug/L	50.0		98.5	70-130		3.96	30	
Hexachlorobutadiene	47.5		"	50.0		95.0	83-133		8.36	30	
Isopropylbenzene	46.9		"	50.0		93.8	70-130		5.57	30	
Methyl acetate	45.7		"	50.0		91.5	70-130		4.36	30	
Methyl tert-butyl ether (MTBE)	49.4		"	50.0		98.7	70-130		3.34	30	
Methylcyclohexane	45.0		"	50.0		90.0	70-130		1.30	30	
Methylene chloride	46.3		"	50.0		92.6	70-130		2.05	30	
n-Butylbenzene	46.4		"	50.0		92.8	80-130		6.87	30	
n-Propylbenzene	46.8		"	50.0		93.6	74-136		7.81	30	
o-Xylene	48.8		"	50.0		97.5	70-130		5.56	30	
p- & m- Xylenes	96.3		"	100		96.3	70-130		3.34	30	
p-Isopropyltoluene	47.4		"	50.0		94.9	85-125		4.48	30	
sec-Butylbenzene	46.0		"	50.0		92.1	83-125		4.03	30	
Styrene	49.2		"	50.0		98.3	70-130		0.919	30	
tert-Butyl alcohol (TBA)	211		"	250		84.5	70-130		5.42	30	
tert-Butylbenzene	45.0		"	50.0		90.1	80-127		5.83	30	
Tetrachloroethylene	44.5		"	50.0		89.0	70-130		1.54	30	
Toluene	48.5		"	50.0		97.1	70-130		7.17	30	
trans-1,2-Dichloroethylene	44.0		"	50.0		88.1	70-130		8.17	30	
trans-1,3-Dichloropropylene	47.5		"	50.0		95.1	70-130		1.87	30	
Trichloroethylene	47.0		"	50.0		94.1	70-130		1.94	30	
Trichlorofluoromethane	38.0		"	50.0		75.9	40-160		0.900	30	
Vinyl Chloride	34.9		"	50.0		69.9	70-130	Low Bias	0.603	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.4*		*"*	*50.0*		*90.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.2*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI40940 - EPA 3550C

Blank (BI40940-BLK1) Blank — Prepared: 09/16/2024 Analyzed: 09/17/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40940 - EPA 3550C											
Blank (BI40940-BLK1) Blank									Prepared: 09/16/2024 Analyzed: 09/17/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.20*		"	*1.66*		*72.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.14*		"	*1.66*		*68.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.795*		"	*0.831*		*95.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.677*		"	*0.831*		*81.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.41*		"	*1.66*		*85.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.778*		"	*0.831*		*93.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40940 - EPA 3550C											
LCS (BI40940-BS1) LCS									Prepared: 09/16/2024 Analyzed: 09/17/2024		
1,1-Biphenyl	0.710	0.0416	mg/kg wet	0.831		85.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.701	0.0830	"	0.831		84.4	21-131				
1,2,4-Trichlorobenzene	0.696	0.0416	"	1.25		55.9	10-140				
1,2-Dichlorobenzene	0.607	0.0416	"	1.25		48.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.753	0.0416	"	1.25		60.5	17-137				
1,3-Dichlorobenzene	0.611	0.0416	"	1.25		49.0	33-110				
1,4-Dichlorobenzene	0.623	0.0416	"	1.25		50.0	32-104				
2,3,4,6-Tetrachlorophenol	0.789	0.0830	"	1.25		63.3	30-130				
2,4,5-Trichlorophenol	0.735	0.0416	"	1.25		59.0	27-118				
2,4,6-Trichlorophenol	0.752	0.0416	"	1.25		60.4	31-120				
2,4-Dichlorophenol	0.741	0.0416	"	1.25		59.5	20-127				
2,4-Dimethylphenol	0.698	0.0416	"	1.25		56.0	14-132				
2,4-Dinitrophenol	0.961	0.0830	"	1.25		77.1	10-171				
2,4-Dinitrotoluene	0.917	0.0416	"	1.25		73.6	34-131				
2,6-Dinitrotoluene	0.852	0.0416	"	1.25		68.4	31-128				
2-Chloronaphthalene	0.709	0.0416	"	1.25		56.9	31-117				
2-Chlorophenol	0.672	0.0416	"	1.25		53.9	33-113				
2-Methylnaphthalene	0.624	0.0416	"	1.25		50.1	12-138				
2-Methylphenol	0.620	0.0416	"	1.25		49.7	10-136				
2-Nitroaniline	0.834	0.0830	"	1.25		67.0	27-132				
2-Nitrophenol	0.864	0.0416	"	1.25		69.4	17-129				
3- & 4-Methylphenols	0.536	0.0416	"	1.25		43.0	29-103				
3,3-Dichlorobenzidine	0.625	0.0416	"	0.831		75.2	22-149				
3-Nitroaniline	0.717	0.0830	"	1.25		57.6	20-133				
4,6-Dinitro-2-methylphenol	0.880	0.0830	"	1.25		70.6	10-143				
4-Bromophenyl phenyl ether	0.702	0.0416	"	1.25		56.3	29-120				
4-Chloro-3-methylphenol	0.748	0.0416	"	1.25		60.0	24-129				
4-Chloroaniline	0.573	0.0416	"	1.25		46.0	10-132				
4-Chlorophenyl phenyl ether	0.692	0.0416	"	1.25		55.5	27-124				
4-Nitroaniline	0.739	0.0830	"	1.25		59.3	16-128				
4-Nitrophenol	0.804	0.0830	"	1.25		64.6	10-141				
Acenaphthene	0.658	0.0416	"	1.25		52.9	30-121				
Acenaphthylene	0.673	0.0416	"	1.25		54.0	30-115				
Acetophenone	0.624	0.0416	"	0.831		75.2	20-112				
Aniline	0.619	0.166	"	1.25		49.7	10-119				
Anthracene	0.733	0.0416	"	1.25		58.8	34-118				
Atrazine	0.803	0.0416	"	0.831		96.7	26-112				
Benzaldehyde	0.640	0.0416	"	0.831		77.1	21-100				
Benzo(a)anthracene	0.734	0.0416	"	1.25		58.9	32-122				
Benzo(a)pyrene	0.641	0.0416	"	1.25		51.5	29-133				
Benzo(b)fluoranthene	0.682	0.0416	"	1.25		54.7	25-133				
Benzo(g,h,i)perylene	0.747	0.0416	"	1.25		59.9	10-143				
Benzo(k)fluoranthene	0.640	0.0416	"	1.25		51.3	25-128				
Benzoic acid	0.526	0.0416	"	0.831		63.3	10-140				
Benzyl alcohol	0.629	0.0416	"	1.25		50.5	30-115				
Benzyl butyl phthalate	0.841	0.0416	"	1.25		67.5	26-126				
Bis(2-chloroethoxy)methane	0.665	0.0416	"	1.25		53.4	19-132				
Bis(2-chloroethyl)ether	0.595	0.0416	"	1.25		47.8	19-125				
Bis(2-chloroisopropyl)ether	0.542	0.0416	"	1.25		43.5	20-135				
Bis(2-ethylhexyl)phthalate	0.770	0.0416	"	1.25		61.8	10-155				
Caprolactam	0.717	0.0830	"	0.831		86.3	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40940 - EPA 3550C											
LCS (BI40940-BS1) LCS									Prepared: 09/16/2024 Analyzed: 09/17/2024		
Carbazole	0.691	0.0416	mg/kg wet	1.25		55.5	35-123				
Chrysene	0.681	0.0416	"	1.25		54.7	32-123				
Dibenzo(a,h)anthracene	0.744	0.0416	"	1.25		59.7	10-136				
Dibenzofuran	0.690	0.0416	"	1.25		55.4	29-121				
Diethyl phthalate	0.723	0.0416	"	1.25		58.0	34-116				
Dimethyl phthalate	0.702	0.0416	"	1.25		56.4	35-124				
Di-n-butyl phthalate	0.750	0.0416	"	1.25		60.2	31-116				
Di-n-octyl phthalate	0.813	0.0416	"	1.25		65.2	26-136				
Fluoranthene	0.692	0.0416	"	1.25		55.5	33-122				
Fluorene	0.685	0.0416	"	1.25		55.0	29-123				
Hexachlorobenzene	0.837	0.0416	"	1.25		67.1	21-124				
Hexachlorobutadiene	0.714	0.0416	"	1.25		57.3	10-149				
Hexachlorocyclopentadiene	0.219	0.0416	"	1.25		17.6	10-129				
Hexachloroethane	0.648	0.0416	"	1.25		52.0	28-108				
Indeno(1,2,3-cd)pyrene	0.948	0.0416	"	1.25		76.1	10-135				
Isophorone	0.676	0.0416	"	1.25		54.3	20-132				
Naphthalene	0.689	0.0416	"	1.25		55.3	23-124				
Nitrobenzene	0.806	0.0416	"	1.25		64.7	13-132				
N-Nitrosodimethylamine	0.565	0.0416	"	1.25		45.3	11-129				
N-nitroso-di-n-propylamine	0.577	0.0416	"	1.25		46.3	24-119				
N-Nitrosodiphenylamine	0.712	0.0416	"	1.25		57.2	22-152				
Pentachlorophenol	0.608	0.0416	"	1.25		48.8	10-139				
Phenanthrene	0.730	0.0416	"	1.25		58.6	33-123				
Phenol	0.683	0.0416	"	1.25		54.8	23-115				
Pyrene	0.799	0.0416	"	1.25		64.1	24-130				
Pyridine	0.465	0.166	"	1.25		37.3	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.36*		"	*1.66*		*81.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.31*		"	*1.66*		*78.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.920*		"	*0.831*		*111*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.777*		"	*0.831*		*93.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.53*		"	*1.66*		*92.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.900*		"	*0.831*		*108*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40889 - EPA 3550C											
Blank (BI40889-BLK1) Blank									Prepared: 09/15/2024 Analyzed: 09/16/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*543*		*"*	*495*		*110*	*39-127.5*				
LCS (BI40889-BS1) LCS									Prepared: 09/15/2024 Analyzed: 09/16/2024		
1,4-Dioxane	489	19.8	ug/kg	495		98.8	40-130				
Surrogate: 1,4-Dioxane-d8	*506*		*"*	*495*		*102*	*39-127.5*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
Blank (BI40777-BLK1) Blank									Prepared: 09/12/2024 Analyzed: 09/15/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.748	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.756	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.787	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.738	"								
HFPO-DA (Gen-X)	ND	0.787	"								
11CL-PF3OUdS	ND	0.744	"								
9CL-PF3ONS	ND	0.736	"								
ADONA	ND	0.744	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.984	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.92	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.92	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.51*		"	*2.29*		*109*	*25-150*				
Surrogate: M5PFHxA	*2.82*		"	*2.46*		*115*	*25-150*				
Surrogate: M4PFHpA	*2.69*		"	*2.46*		*109*	*25-150*				
Surrogate: M3PFHxS	*2.65*		"	*2.33*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.81*		"	*2.46*		*114*	*25-150*				
Surrogate: M6PFDA	*1.68*		"	*1.23*		*137*	*25-150*				
Surrogate: M7PFUdA	*1.28*		"	*1.23*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.937*		"	*1.23*		*76.2*	*25-150*				
Surrogate: M2PFTeDA	*0.811*		"	*1.23*		*66.0*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
Blank (BI40777-BLK1) Blank									Prepared: 09/12/2024 Analyzed: 09/15/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.41*		*ug/kg wet*	*9.84*		*65.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.79*		*"*	*2.36*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.78*		*"*	*4.92*		*97.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.74*		*"*	*2.46*		*111*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.17*		*"*	*4.92*		*105*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.82*		*"*	*4.92*		*118*	*25-150*				
Surrogate: M2-6:2 FTS	*10.8*		*"*	*4.68*		*230*	*25-200*				
Surrogate: M2-8:2 FTS	*5.61*		*"*	*4.72*		*119*	*25-200*				
Surrogate: M9PFNA	*1.27*		*"*	*1.23*		*103*	*25-150*				
Surrogate: M2-4:2 FTS	*14.4*		*"*	*4.62*		*312*	*25-150*				
Surrogate: d-N-MeFOSA	*2.42*		*"*	*2.46*		*98.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.87*		*"*	*2.46*		*75.9*	*25-150*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.84*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.64*		*"*	*24.6*		*35.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*8.72*		*"*	*24.6*		*35.4*	*25-150*				
LCS (BI40777-BS1) LCS									Prepared: 09/12/2024 Analyzed: 09/15/2024		
Perfluorobutanesulfonic acid (PFBS)	3.31	0.175	ug/kg wet	3.50		94.3	50-150				
Perfluorohexanoic acid (PFHxA)	3.42	0.198	"	3.96		86.3	50-150				
Perfluoroheptanoic acid (PFHpA)	3.74	0.198	"	3.96		94.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.49	0.181	"	3.62		96.2	50-150				
Perfluorooctanoic acid (PFOA)	3.73	0.198	"	3.96		94.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.13	0.184	"	3.68		85.1	50-150				
Perfluorononanoic acid (PFNA)	3.40	0.198	"	3.96		85.9	50-150				
Perfluorodecanoic acid (PFDA)	3.20	0.198	"	3.96		80.8	50-150				
Perfluoroundecanoic acid (PFUnA)	3.68	0.198	"	3.96		92.9	50-150				
Perfluorododecanoic acid (PFDoA)	3.80	0.198	"	3.96		96.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.18	0.198	"	3.96		106	50-150				
Perfluorotetradecanoic acid (PFTA)	3.68	0.198	"	3.96		93.0	50-150				
N-MeFOSAA	3.83	0.198	"	3.96		96.8	50-150				
N-EtFOSAA	4.05	0.198	"	3.96		102	50-150				
Perfluoropentanoic acid (PFPeA)	7.48	0.396	"	7.92		94.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.17	0.198	"	3.96		80.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.80	0.198	"	3.78		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.74	0.191	"	3.82		71.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.4	0.752	"	15.0		95.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.3	0.760	"	15.2		94.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.2	0.792	"	15.8		96.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.93	0.352	"	7.05		113	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.57	0.396	"	7.92		70.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.31	0.396	"	7.92		92.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.25	0.396	"	7.92		104	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.32	0.186	"	3.72		89.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.4	0.743	"	14.9		83.5	50-150				
HFPO-DA (Gen-X)	9.45	0.792	"	7.92		119	50-150				
11CL-PF3OUdS	6.20	0.749	"	7.49		82.8	50-150				
9CL-PF3ONS	7.97	0.741	"	7.41		108	50-150				
ADONA	8.33	0.749	"	7.49		111	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
LCS (BI40777-BS1) LCS								Prepared: 09/12/2024 Analyzed: 09/15/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.78	0.192	ug/kg wet	3.84		46.4	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.45	0.190	"	3.80		90.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	21.6	0.990	"	15.8		136	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	92.2	4.95	"	79.2		116	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	90.0	4.95	"	79.2		114	50-150				
N-MeFOSE	44.0	1.98	"	39.6		111	50-150				
N-MeFOSA	3.60	0.198	"	3.96		90.9	50-150				
N-EtFOSE	36.1	1.98	"	39.6		91.1	50-150				
N-EtFOSA	4.19	0.198	"	3.96		106	50-150				
Surrogate: M3PFBS	*2.77*		"	*2.31*		*120*	*25-150*				
Surrogate: M5PFHxA	*3.14*		"	*2.48*		*127*	*25-150*				
Surrogate: M4PFHpA	*3.27*		"	*2.48*		*132*	*25-150*				
Surrogate: M3PFHxS	*2.65*		"	*2.35*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.28*		"	*2.48*		*133*	*25-150*				
Surrogate: M6PFDA	*1.64*		"	*1.24*		*133*	*25-150*				
Surrogate: M7PFUdA	*1.17*		"	*1.24*		*94.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.04*		"	*1.24*		*84.2*	*25-150*				
Surrogate: M2PFTeDA	*0.822*		"	*1.24*		*66.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.9*		"	*9.90*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.04*		"	*2.37*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.62*		"	*4.95*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.02*		"	*2.48*		*122*	*10-150*				
Surrogate: d3-N-MeFOSAA	*6.10*		"	*4.95*		*123*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.87*		"	*4.95*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*12.1*		"	*4.71*		*258*	*25-200*				
Surrogate: M2-8:2 FTS	*6.90*		"	*4.75*		*145*	*25-200*				
Surrogate: M9PFNA	*1.50*		"	*1.24*		*121*	*25-150*				
Surrogate: M2-4:2 FTS	*15.8*		"	*4.64*		*339*	*25-150*				
Surrogate: d-N-MeFOSA	*2.64*		"	*2.48*		*107*	*25-150*				
Surrogate: d-N-EtFOSA	*2.11*		"	*2.48*		*85.2*	*25-150*				
Surrogate: M3HFPO-DA	*11.9*		"	*9.90*		*120*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.0*		"	*24.8*		*44.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.2*		"	*24.8*		*41.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
LCS (BI40777-BS2) LCS								Prepared: 09/12/2024 Analyzed: 09/15/2024			
Perfluorobutanesulfonic acid (PFBS)	0.583	0.177	ug/kg wet	0.707		82.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.651	0.200	"	0.798		81.6	50-150				
Perfluoroheptanoic acid (PFHpA)	0.713	0.200	"	0.798		89.3	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.597	0.183	"	0.731		81.7	50-150				
Perfluorooctanoic acid (PFOA)	0.670	0.200	"	0.798		83.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.591	0.186	"	0.743		79.5	50-150				
Perfluorononanoic acid (PFNA)	0.582	0.200	"	0.798		72.9	50-150				
Perfluorodecanoic acid (PFDA)	0.628	0.200	"	0.798		78.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.660	0.200	"	0.798		82.6	50-150				
Perfluorododecanoic acid (PFDoA)	0.719	0.200	"	0.798		90.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.774	0.200	"	0.798		97.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.578	0.200	"	0.798		72.4	50-150				
N-MeFOSAA	0.749	0.200	"	0.798		93.8	50-150				
N-EtFOSAA	0.710	0.200	"	0.798		88.9	50-150				
Perfluoropentanoic acid (PFPeA)	1.39	0.399	"	1.60		87.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.622	0.200	"	0.798		77.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.656	0.200	"	0.762		86.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.430	0.193	"	0.770		55.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.83	0.758	"	3.03		93.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.05	0.766	"	3.07		99.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.82	0.798	"	3.19		88.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.43	0.355	"	1.42		101	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.05	0.399	"	1.60		65.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.33	0.399	"	1.60		83.5	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.57	0.399	"	1.60		98.3	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.662	0.188	"	0.750		88.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.41	0.749	"	2.99		80.6	50-150				
HFPO-DA (Gen-X)	1.57	0.798	"	1.60		98.1	50-150				
11CL-PF3OUdS	0.947	0.754	"	1.51		62.7	50-150				
9CL-PF3ONS	1.37	0.747	"	1.49		91.5	50-150				
ADONA	1.49	0.754	"	1.51		98.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.333	0.194	"	0.774		43.0	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.607	0.192	"	0.766		79.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.70	0.998	"	3.19		116	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	17.0	4.99	"	16.0		106	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	16.1	4.99	"	16.0		101	50-150				
N-MeFOSE	7.72	2.00	"	7.98		96.7	50-150				
N-MeFOSA	0.725	0.200	"	0.798		90.8	50-150				
N-EtFOSE	8.17	2.00	"	7.98		102	50-150				
N-EtFOSA	0.829	0.200	"	0.798		104	50-150				
Surrogate: M3PFBS	*2.67*		"	*2.33*		*115*	*25-150*				
Surrogate: M5PFHxA	*3.19*		"	*2.50*		*128*	*25-150*				
Surrogate: M4PFHpA	*3.07*		"	*2.50*		*123*	*25-150*				
Surrogate: M3PFHxS	*2.54*		"	*2.37*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.16*		"	*2.50*		*127*	*25-150*				
Surrogate: M6PFDA	*1.62*		"	*1.25*		*130*	*25-150*				
Surrogate: M7PFUdA	*1.33*		"	*1.25*		*107*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.00*		"	*1.25*		*80.2*	*25-150*				
Surrogate: M2PFTeDA	*0.850*		"	*1.25*		*68.1*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40777 - EPA 1633 Prep											
LCS (BI40777-BS2) LCS									Prepared: 09/12/2024 Analyzed: 09/15/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.9*		*ug/kg wet*	*9.98*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.09*		*"*	*2.39*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.60*		*"*	*4.99*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.87*		*"*	*2.50*		*115*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.74*		*"*	*4.99*		*115*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.95*		*"*	*4.99*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*10.6*		*"*	*4.75*		*224*	*25-200*				
Surrogate: M2-8:2 FTS	*5.54*		*"*	*4.79*		*116*	*25-200*				
Surrogate: M9PFNA	*1.55*		*"*	*1.25*		*124*	*25-150*				
Surrogate: M2-4:2 FTS	*13.8*		*"*	*4.68*		*294*	*25-150*				
Surrogate: d-N-MeFOSA	*2.29*		*"*	*2.50*		*91.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.78*		*"*	*2.50*		*71.2*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		*"*	*9.98*		*123*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.0*		*"*	*25.0*		*40.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.1*		*"*	*25.0*		*40.4*	*25-150*				
Batch BI41062 - EPA 1633 Prep											
Blank (BI41062-BLK1) Blank									Prepared: 09/17/2024 Analyzed: 09/18/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
Blank (BI41062-BLK1) Blank									Prepared: 09/17/2024 Analyzed: 09/18/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*27.4*		"	*23.3*		*117*	*25-150*				
Surrogate: M5PFHxA	*32.6*		"	*25.0*		*130*	*25-150*				
Surrogate: M4PFHpA	*33.7*		"	*25.0*		*135*	*25-150*				
Surrogate: M3PFHxS	*31.7*		"	*23.7*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*37.7*		"	*25.0*		*151*	*25-150*				
Surrogate: M6PFDA	*23.4*		"	*12.5*		*187*	*25-150*				
Surrogate: M7PFUdA	*19.8*		"	*12.5*		*158*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.4*		"	*12.5*		*115*	*25-150*				
Surrogate: M2PFTeDA	*13.3*		"	*12.5*		*106*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.98*		"	*100*		*1.98*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*36.2*		"	*23.9*		*151*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*23.4*		"	*50.0*		*46.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*37.0*		"	*25.0*		*148*	*10-150*				
Surrogate: d3-N-MeFOSAA	*67.8*		"	*50.0*		*136*	*25-150*				
Surrogate: d5-N-EtFOSAA	*69.8*		"	*50.0*		*140*	*25-150*				
Surrogate: M2-6:2 FTS	*112*		"	*47.5*		*236*	*25-200*				
Surrogate: M2-8:2 FTS	*79.7*		"	*48.0*		*166*	*25-200*				
Surrogate: M9PFNA	*19.2*		"	*12.5*		*153*	*25-150*				
Surrogate: M2-4:2 FTS	*106*		"	*46.9*		*227*	*25-150*				
Surrogate: d-N-MeFOSA	*42.2*		"	*25.0*		*169*	*25-150*				
Surrogate: d-N-EtFOSA	*36.1*		"	*25.0*		*144*	*25-150*				
Surrogate: M3HFPO-DA	*130*		"	*100*		*130*	*25-150*				
Surrogate: d9-N-EtFOSE	*254*		"	*250*		*102*	*25-150*				
Surrogate: d7-N-MeFOSE	*281*		"	*250*		*113*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
LCS (BI41062-BS1) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorobutanesulfonic acid (PFBS)	32.8	1.77	ng/L	35.4		92.5	50-150				
Perfluorohexanoic acid (PFHxA)	30.7	2.00	"	40.0		76.6	50-150				
Perfluoroheptanoic acid (PFHpA)	38.7	2.00	"	40.0		96.8	50-150				
Perfluorohexanesulfonic acid (PFHxS)	29.8	1.83	"	36.6		81.5	50-150				
Perfluorooctanoic acid (PFOA)	33.3	2.00	"	40.0		83.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	31.0	1.86	"	37.2		83.4	50-150				
Perfluorononanoic acid (PFNA)	31.7	2.00	"	40.0		79.1	50-150				
Perfluorodecanoic acid (PFDA)	34.0	2.00	"	40.0		84.9	50-150				
Perfluoroundecanoic acid (PFUnA)	31.0	2.00	"	40.0		77.5	50-150				
Perfluorododecanoic acid (PFDoA)	36.9	2.00	"	40.0		92.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	35.8	2.00	"	40.0		89.5	50-150				
Perfluorotetradecanoic acid (PFTA)	34.8	2.00	"	40.0		86.9	50-150				
N-MeFOSAA	36.0	2.00	"	40.0		90.0	50-150				
N-EtFOSAA	36.6	2.00	"	40.0		91.5	50-150				
Perfluoropentanoic acid (PFPeA)	71.0	4.00	"	80.0		88.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	32.1	2.00	"	40.0		80.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	33.1	1.91	"	38.2		86.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	26.8	1.93	"	38.6		69.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	134	7.60	"	152		88.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	134	7.68	"	154		87.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	147	8.00	"	160		91.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	68.4	3.56	"	71.2		96.1	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	64.0	4.00	"	80.0		80.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	42.5	4.00	"	80.0		53.1	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	82.1	4.00	"	80.0		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	30.7	1.88	"	37.6		81.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	117	7.50	"	150		78.2	50-150				
HFPO-DA (Gen-X)	74.9	8.00	"	80.0		93.7	50-150				
11CL-PF3OUdS	57.3	7.56	"	75.6		75.7	50-150				
9CL-PF3ONS	72.1	7.48	"	74.8		96.4	50-150				
ADONA	66.9	7.56	"	75.6		88.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	18.8	1.94	"	38.8		48.6	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	32.5	1.92	"	38.4		84.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	184	5.00	"	160		115	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	905	25.0	"	800		113	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	955	25.0	"	800		119	50-150				
N-MeFOSE	376	20.0	"	400		93.9	50-150				
N-MeFOSA	33.2	2.00	"	40.0		83.1	50-150				
N-EtFOSE	365	20.0	"	400		91.2	50-150				
N-EtFOSA	37.6	2.00	"	40.0		94.0	50-150				
Surrogate: M3PFBS	*30.0*		"	*23.3*		*129*	*25-150*				
Surrogate: M5PFHxA	*40.3*		"	*25.0*		*161*	*25-150*				
Surrogate: M4PFHpA	*37.3*		"	*25.0*		*149*	*25-150*				
Surrogate: M3PFHxS	*32.5*		"	*23.7*		*137*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*39.0*		"	*25.0*		*156*	*25-150*				
Surrogate: M6PFDA	*18.2*		"	*12.5*		*146*	*25-150*				
Surrogate: M7PFUdA	*16.1*		"	*12.5*		*128*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.2*		"	*12.5*		*113*	*25-150*				
Surrogate: M2PFTeDA	*11.0*		"	*12.5*		*87.9*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
LCS (BI41062-BS1) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*23.5*		*ng/L*	*100*		*23.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*34.6*		*"*	*23.9*		*144*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*64.7*		*"*	*50.0*		*129*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*36.0*		*"*	*25.0*		*144*	*10-150*				
Surrogate: d3-N-MeFOSAA	*64.8*		*"*	*50.0*		*130*	*25-150*				
Surrogate: d5-N-EtFOSAA	*68.1*		*"*	*50.0*		*136*	*25-150*				
Surrogate: M2-6:2 FTS	*128*		*"*	*47.5*		*269*	*25-200*				
Surrogate: M2-8:2 FTS	*93.7*		*"*	*48.0*		*195*	*25-200*				
Surrogate: M9PFNA	*17.3*		*"*	*12.5*		*139*	*25-150*				
Surrogate: M2-4:2 FTS	*127*		*"*	*46.9*		*271*	*25-150*				
Surrogate: d-N-MeFOSA	*31.1*		*"*	*25.0*		*124*	*25-150*				
Surrogate: d-N-EtFOSA	*28.5*		*"*	*25.0*		*114*	*25-150*				
Surrogate: M3HFPO-DA	*169*		*"*	*100*		*169*	*25-150*				
Surrogate: d9-N-EtFOSE	*218*		*"*	*250*		*87.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*230*		*"*	*250*		*92.0*	*25-150*				
LCS (BI41062-BS2) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorobutanesulfonic acid (PFBS)	5.84	1.77	ng/L	7.08		82.4	50-150				
Perfluorohexanoic acid (PFHxA)	6.02	2.00	"	8.00		75.2	50-150				
Perfluoroheptanoic acid (PFHpA)	6.48	2.00	"	8.00		81.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.75	1.83	"	7.32		78.5	50-150				
Perfluorooctanoic acid (PFOA)	7.03	2.00	"	8.00		87.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	5.66	1.86	"	7.44		76.0	50-150				
Perfluorononanoic acid (PFNA)	5.57	2.00	"	8.00		69.7	50-150				
Perfluorodecanoic acid (PFDA)	5.80	2.00	"	8.00		72.5	50-150				
Perfluoroundecanoic acid (PFUnA)	7.04	2.00	"	8.00		88.0	50-150				
Perfluorododecanoic acid (PFDoA)	6.58	2.00	"	8.00		82.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	6.72	2.00	"	8.00		84.0	50-150				
Perfluorotetradecanoic acid (PFTA)	6.54	2.00	"	8.00		81.8	50-150				
N-MeFOSAA	6.97	2.00	"	8.00		87.2	50-150				
N-EtFOSAA	7.18	2.00	"	8.00		89.7	50-150				
Perfluoropentanoic acid (PFPeA)	13.5	4.00	"	16.0		84.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	6.39	2.00	"	8.00		79.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.37	1.91	"	7.64		83.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.15	1.93	"	7.72		66.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	23.7	7.60	"	30.4		77.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	25.4	7.68	"	30.7		82.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	27.2	8.00	"	32.0		84.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	13.5	3.56	"	14.2		95.1	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	13.5	4.00	"	16.0		84.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.30	4.00	"	16.0		14.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	19.5	4.00	"	16.0		122	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	5.71	1.88	"	7.52		75.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	22.0	7.50	"	30.0		73.3	50-150				
HFPO-DA (Gen-X)	14.4	8.00	"	16.0		90.1	50-150				
11CL-PF3OUdS	11.0	7.56	"	15.1		72.6	50-150				
9CL-PF3ONS	13.8	7.48	"	15.0		92.4	50-150				
ADONA	13.6	7.56	"	15.1		89.7	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
LCS (BI41062-BS2) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorododecanesulfonic acid (PFDoS)	3.22	1.94	ng/L	7.76		41.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	5.85	1.92	"	7.68		76.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	21.7	5.00	"	32.0		67.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	174	25.0	"	160		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	192	25.0	"	160		120	50-150				
N-MeFOSE	76.8	20.0	"	80.0		96.0	50-150				
N-MeFOSA	7.55	2.00	"	8.00		94.4	50-150				
N-EtFOSE	75.3	20.0	"	80.0		94.2	50-150				
N-EtFOSA	8.14	2.00	"	8.00		102	50-150				
Surrogate: M3PFBS	*28.3*		"	*23.3*		*122*	*25-150*				
Surrogate: M5PFHxA	*32.1*		"	*25.0*		*128*	*25-150*				
Surrogate: M4PFHpA	*31.3*		"	*25.0*		*125*	*25-150*				
Surrogate: M3PFHxS	*31.4*		"	*23.7*		*133*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.9*		"	*25.0*		*128*	*25-150*				
Surrogate: M6PFDA	*19.0*		"	*12.5*		*152*	*25-150*				
Surrogate: M7PFUdA	*13.7*		"	*12.5*		*110*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.6*		"	*12.5*		*101*	*25-150*				
Surrogate: M2PFTeDA	*9.65*		"	*12.5*		*77.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.97*		"	*100*		*2.97*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.7*		"	*23.9*		*132*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*36.0*		"	*50.0*		*72.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.0*		"	*25.0*		*128*	*10-150*				
Surrogate: d3-N-MeFOSAA	*57.8*		"	*50.0*		*116*	*25-150*				
Surrogate: d5-N-EtFOSAA	*61.5*		"	*50.0*		*123*	*25-150*				
Surrogate: M2-6:2 FTS	*120*		"	*47.5*		*252*	*25-200*				
Surrogate: M2-8:2 FTS	*83.0*		"	*48.0*		*173*	*25-200*				
Surrogate: M9PFNA	*17.3*		"	*12.5*		*138*	*25-150*				
Surrogate: M2-4:2 FTS	*116*		"	*46.9*		*247*	*25-150*				
Surrogate: d-N-MeFOSA	*33.2*		"	*25.0*		*133*	*25-150*				
Surrogate: d-N-EtFOSA	*27.3*		"	*25.0*		*109*	*25-150*				
Surrogate: M3HFPO-DA	*137*		"	*100*		*137*	*25-150*				
Surrogate: d9-N-EtFOSE	*175*		"	*250*		*69.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*195*		"	*250*		*77.9*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
Duplicate (BI41062-DUP1) Duplicate	*Source sample: 24I0428-02 (EB_09092024)								Prepared: 09/17/2024 Analyzed: 09/18/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.76	ng/L		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	1.99	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	1.99	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	1.82	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	1.99	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	1.85	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	1.99	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	1.99	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	1.99	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	1.99	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	1.99	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	1.99	"		ND					30	
N-MeFOSAA	ND	1.99	"		ND					30	
N-EtFOSAA	ND	1.99	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	3.98	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.99	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.90	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.92	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.56	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.64	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	7.96	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.54	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.98	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.98	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.98	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.87	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.46	"		ND					30	
HFPO-DA (Gen-X)	ND	7.96	"		ND					30	
11CL-PF3OUdS	ND	7.52	"		ND					30	
9CL-PF3ONS	ND	7.44	"		ND					30	
ADONA	ND	7.52	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	1.93	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.91	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	4.97	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	24.9	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	24.9	"		ND					30	
N-MeFOSE	ND	19.9	"		ND					30	
N-MeFOSA	ND	1.99	"		ND					30	
N-EtFOSE	ND	19.9	"		ND					30	
N-EtFOSA	ND	1.99	"		ND					30	
Surrogate: M3PFBS	*27.6*		*"*	*23.2*		*119*	*25-150*				
Surrogate: M5PFHxA	*33.1*		*"*	*24.9*		*133*	*25-150*				
Surrogate: M4PFHpA	*36.3*		*"*	*24.9*		*146*	*25-150*				
Surrogate: M3PFHxS	*32.4*		*"*	*23.6*		*137*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*37.6*		*"*	*24.9*		*151*	*25-150*				
Surrogate: M6PFDA	*19.0*		*"*	*12.4*		*153*	*25-150*				
Surrogate: M7PFUdA	*16.5*		*"*	*12.4*		*133*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.0*		*"*	*12.4*		*113*	*25-150*				
Surrogate: M2PFTeDA	*10.1*		*"*	*12.4*		*81.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
Duplicate (BI41062-DUP1) Duplicate	*Source sample: 24I0428-02 (EB_09092024)								Prepared: 09/17/2024 Analyzed: 09/18/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.10*		*ng/L*	*99.5*		*3.12*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*35.3*		*"*	*23.8*		*148*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*40.0*		*"*	*49.7*		*80.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*36.9*		*"*	*24.9*		*148*	*10-150*				
Surrogate: d3-N-MeFOSAA	*66.8*		*"*	*49.7*		*134*	*25-150*				
Surrogate: d5-N-EtFOSAA	*70.5*		*"*	*49.7*		*142*	*25-150*				
Surrogate: M2-6:2 FTS	*130*		*"*	*47.3*		*274*	*25-200*				
Surrogate: M2-8:2 FTS	*84.5*		*"*	*47.7*		*177*	*25-200*				
Surrogate: M9PFNA	*18.0*		*"*	*12.4*		*145*	*25-150*				
Surrogate: M2-4:2 FTS	*139*		*"*	*46.6*		*297*	*25-150*				
Surrogate: d-N-MeFOSA	*34.3*		*"*	*24.9*		*138*	*25-150*				
Surrogate: d-N-EtFOSA	*29.3*		*"*	*24.9*		*118*	*25-150*				
Surrogate: M3HFPO-DA	*137*		*"*	*99.5*		*138*	*25-150*				
Surrogate: d9-N-EtFOSE	*176*		*"*	*249*		*70.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*205*		*"*	*249*		*82.6*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40936 - EPA 3550C											
Blank (BI40936-BLK1) Blank									Prepared & Analyzed: 09/16/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0417*		*"*	*0.0664*		*62.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0529*		*"*	*0.0664*		*79.7*	*30-150*				
LCS (BI40936-BS1) LCS									Prepared & Analyzed: 09/16/2024		
4,4'-DDD	0.0243	0.00164	mg/kg wet	0.0332		73.3	40-140				
4,4'-DDE	0.0226	0.00164	"	0.0332		68.1	40-140				
4,4'-DDT	0.0255	0.00164	"	0.0332		76.8	40-140				
Aldrin	0.0258	0.00164	"	0.0332		77.7	40-140				
alpha-BHC	0.0266	0.00164	"	0.0332		80.1	40-140				
alpha-Chlordane	0.0267	0.00164	"	0.0332		80.5	40-140				
beta-BHC	0.0308	0.00164	"	0.0332		92.6	40-140				
delta-BHC	0.0260	0.00164	"	0.0332		78.3	40-140				
Dieldrin	0.0264	0.00164	"	0.0332		79.6	40-140				
Endosulfan I	0.0309	0.00164	"	0.0332		93.0	40-140				
Endosulfan II	0.0295	0.00164	"	0.0332		88.7	40-140				
Endosulfan sulfate	0.0251	0.00164	"	0.0332		75.5	40-140				
Endrin	0.0277	0.00164	"	0.0332		83.5	40-140				
Endrin aldehyde	0.0311	0.00164	"	0.0332		93.6	40-140				
Endrin ketone	0.0277	0.00164	"	0.0332		83.4	40-140				
gamma-BHC (Lindane)	0.0268	0.00164	"	0.0332		80.7	40-140				
gamma-Chlordane	0.0268	0.00164	"	0.0332		80.7	40-140				
Heptachlor	0.0270	0.00164	"	0.0332		81.4	40-140				
Heptachlor epoxide	0.0280	0.00164	"	0.0332		84.2	40-140				
Methoxychlor	0.0256	0.00164	"	0.0332		77.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0409*		*"*	*0.0664*		*61.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0531*		*"*	*0.0664*		*79.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40936 - EPA 3550C											
Blank (BI40936-BLK2) Blank								Prepared & Analyzed: 09/16/2024			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0540*		*"*	*0.0667*		*81.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0400*		*"*	*0.0667*		*60.0*	*30-120*				
LCS (BI40936-BS2) LCS								Prepared & Analyzed: 09/16/2024			
Aroclor 1016	0.261	0.0166	mg/kg wet	0.332		78.7	40-130				
Aroclor 1260	0.284	0.0166	"	0.332		85.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0508*		*"*	*0.0664*		*76.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0402*		*"*	*0.0664*		*60.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40944 - EPA 3550C/8151A											
Blank (BI40944-BLK1) Blank								Prepared & Analyzed: 09/16/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.353*		*"*	*0.415*		*85.0*	*21-150*				
LCS (BI40944-BS1) LCS								Prepared & Analyzed: 09/16/2024			
2,4,5-T	0.0648	0.0199	mg/kg wet	0.0664		97.5	10-120				
2,4,5-TP (Silvex)	0.0623	0.0199	"	0.0664		93.8	10-120				
2,4-D	0.0656	0.0199	"	0.0664		98.7	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.411*		*"*	*0.415*		*99.0*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40892 - EPA 3050B											
Blank (BI40892-BLK1) Blank									Prepared: 09/15/2024 Analyzed: 09/16/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BI40892-SRM1) Reference									Prepared: 09/15/2024 Analyzed: 09/16/2024		
Aluminum	6180	4.17	mg/kg wet	7680		80.5	35.7-119				
Antimony	67.3	2.08	"	244		27.6	0-99.5				
Arsenic	235	1.25	"	283		83.0	69.9-101.4				
Barium	279	2.08	"	326		85.6	73.9-107.1				
Beryllium	157	0.042	"	175		89.6	75.4-107.4				
Cadmium	79.6	0.250	"	95.8		83.0	72.3-103.7				
Calcium	4930	4.17	"	5470		90.0	79.5-113.2				
Chromium	207	0.417	"	239		86.7	72.4-106.3				
Cobalt	137	0.333	"	150		91.2	76-107.3				
Copper	212	1.67	"	217		97.9	74.7-105.1				
Iron	6690	20.8	"	7360		90.9	53-127.9				
Lead	190	0.417	"	210		90.4	75.7-109.5				
Magnesium	1840	4.17	"	2080		88.6	67.3-111.1				
Manganese	264	0.417	"	290		91.0	73.4-108.3				
Nickel	292	0.830	"	329		88.9	74.5-106.7				
Potassium	1740	4.17	"	2330		74.9	60.9-111.6				
Selenium	262	2.08	"	281		93.3	77.6-116.7				
Silver	71.4	0.420	"	82.7		86.3	73.7-111.7				
Sodium	377	41.7	"	427		88.4	71.2-118.7				
Thallium	103	2.08	"	123		84.0	70.2-104.8				
Vanadium	166	0.830	"	192		86.3	68.8-107.8				
Zinc	220	2.08	"	260		84.7	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40871 - EPA 7473 soil											
Blank (BI40871-BLK1) Blank									Prepared: 09/14/2024 Analyzed: 09/15/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40871-SRM1) Reference									Prepared: 09/14/2024 Analyzed: 09/15/2024		
Mercury	20.074		mg/kg	18.2		110	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40506 - Analysis Preparation Soil											
Blank (BI40506-BLK1) Blank									Prepared & Analyzed: 09/10/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BI40506-SRM1) Reference									Prepared & Analyzed: 09/10/2024		
Cyanide, total	43.9		ug/mL	59.7		73.6	38.5-161.4				
Batch BI40539 - EPA SW846-3060											
Blank (BI40539-BLK1) Blank									Prepared & Analyzed: 09/10/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BI40539-SRM1) Reference									Prepared & Analyzed: 09/10/2024		
Chromium, Hexavalent	194		mg/L	227		85.5	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0428-01	PE06_15	40mL Vial with Stir Bar-Cool 4° C
24I0428-03	TB_09092024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

YORK Project Number: 2410428 (NS) 2410449

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Ave

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) X | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil | Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp.
PE06-15	09/09	1215	S	3									1	X	X	X	X	X	X	X	X	X	G/C
EB-09092024	09/09	1400	AQ	2																			
TB-09092024					2									X									

Report Type (circle)
QA Report
Summary (Results Only)
NY ASP B Package
NJ Reduced
NJ DKQP
NJ Full
CT RCP

EDD Type (circle)
EQuIS (standard)
NYSDEC EQuIS
NJDEP SRP Haz Site
Standard Excel
CMDP
Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Daniel Horvath/Langan	09/09/24 1330		9/9/24 1515		9/9/24 1629
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
UPS 9/9/24 1629 4.1C		UPS 9/9/24	1800	Doran	9/9/24 1800
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
Doran	9/9/24 2010			NCD	9/9/24 2010 / 3.6 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/19/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0618

Report Date: 09/19/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I0618

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 11, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24I0618-01	PE41_21.5	Soil	09/11/2024	09/11/2024
24I0618-02	PE42_21.5	Soil	09/11/2024	09/11/2024
24I0618-03	PE49_22	Soil	09/11/2024	09/11/2024
24I0618-04	PE50_21.5	Soil	09/11/2024	09/11/2024
24I0618-05	PE57_22	Soil	09/11/2024	09/11/2024
24I0618-06	PE58_21.5	Soil	09/11/2024	09/11/2024
24I0618-07	PE59_20	Soil	09/11/2024	09/11/2024
24I0618-08	EB_09112024	Water	09/11/2024	09/11/2024
24I0618-09	TB_09112024	Water	09/11/2024	09/11/2024

General Notes for York Project (SDG) No.: 24I0618

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 09/19/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0047**	J	mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.031**	CCVE, ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C	09/12/2024 09:00	09/12/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.0630**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.192	0.385	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0607**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.385	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0868**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0876**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0530**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0530**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0515**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.101**		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.191**		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0607**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0530**	J	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.267**		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.252**		mg/kg dry	0.0482	0.0961	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.192	0.385	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:04	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*30.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*41.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*35.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*34.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*36.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 12:41	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*57.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.128	0.204	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0612	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.121	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.207	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.199	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.218	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.221	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.188	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.144	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.119	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.171	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.224	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.126	0.462	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.169	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.179	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.687	0.878	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.872	0.887	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.126	0.924	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.160	0.411	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.223	0.462	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0716	0.462	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.111	0.462	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.181	0.217	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.687	0.866	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.702	0.924	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.359	0.873	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.284	0.864	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.201	0.873	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.195	0.224	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.143	0.222	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.732	1.15	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.42	5.77	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.73	5.77	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.706	2.31	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.208	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.805	2.31	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:24	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*118 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*112 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*119 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*118 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*73.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*6.43 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*107 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*97.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*129 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*294 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*170 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*377 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*81.4 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*68.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*121 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*35.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*36.3 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.191	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:03	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:33	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*105 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0230	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0230	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0230	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*99.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6670**		mg/kg dry	4.85	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.42	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.45**		mg/kg dry	1.45	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**41.3**		mg/kg dry	2.42	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.252**		mg/kg dry	0.049	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.291	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1470**		mg/kg dry	4.85	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.6**		mg/kg dry	0.485	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.96**		mg/kg dry	0.388	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**15.4**		mg/kg dry	1.94	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**12600**		mg/kg dry	24.2	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**33.9**		mg/kg dry	0.485	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2340**		mg/kg dry	4.85	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**137**		mg/kg dry	0.485	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.966	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**445**	B	mg/kg dry	4.85	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.42	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.489	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**168**		mg/kg dry	48.5	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.42	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.1**		mg/kg dry	0.966	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**51.8**		mg/kg dry	2.42	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:46	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0634**		mg/kg dry	0.0349	1	EPA 7473	09/13/2024 14:33	09/14/2024 16:22	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.582	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.6**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.582	1	EPA 9014/9010C	09/12/2024 08:03	09/12/2024 14:03	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE41_21.5 **York Sample ID:** 24I0618-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:00 pm	09/11/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.9**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0066**	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.037**	CCVE, ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.0528**	J	mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	09/13/2024 12:44	09/16/2024 11:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*34.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*31.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*35.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 12:59	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*57.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.189	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0566	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.199	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.202	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.427	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.635	0.811	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.806	0.820	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.854	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.380	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.206	0.427	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0662	0.427	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.427	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.635	0.801	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.649	0.854	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.332	0.807	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.799	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.807	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.205	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.677	1.07	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.24	5.34	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.34	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.652	2.14	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.744	2.14	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:40	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*120 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*128 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*137 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*83.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*78.4 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*118 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*103 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*127 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*118 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*143 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*284 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*170 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*92.9 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*384 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*69.0 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*57.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*123 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*40.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.3 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:20	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	09/13/2024 08:06	09/13/2024 19:47	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*132 %*	S-08, S-GC	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*		*30-120*

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*80.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4640**		mg/kg dry	4.50	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.25	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.56**		mg/kg dry	1.35	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**13.8**		mg/kg dry	2.25	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.189**		mg/kg dry	0.045	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.270	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1350**		mg/kg dry	4.50	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.54**		mg/kg dry	0.451	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.17**		mg/kg dry	0.360	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**8.96**		mg/kg dry	1.80	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8900**		mg/kg dry	22.5	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**11.2**		mg/kg dry	0.451	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1960**		mg/kg dry	4.51	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**84.4**		mg/kg dry	0.451	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**10.5**		mg/kg dry	0.897	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**323**	B	mg/kg dry	4.51	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.454	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**74.5**		mg/kg dry	45.0	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.7**		mg/kg dry	0.897	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**26.5**		mg/kg dry	2.24	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0324	1	EPA 7473	09/13/2024 14:33	09/14/2024 16:22	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.540	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.54**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE42_21.5 **York Sample ID:** 24I0618-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:05 pm	09/11/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.540	1	EPA 9014/9010C	09/12/2024 08:03	09/12/2024 14:03	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.6**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0070**	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.028**	CCVE, ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	09/12/2024 09:00	09/12/2024 14:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.133**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.164**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.150**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.149**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.130**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0911**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.152**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0485**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.208**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.136**	CCVE	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0507**	J	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.115**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.267**		mg/kg dry	0.0460	0.0919	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*71.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*67.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*89.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 13:16	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*61.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.195	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0585	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.202	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.195**	J	ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.442	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.657	0.839	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.833	0.848	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.883	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.393	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.442	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0684	0.442	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.442	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.208	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.657	0.828	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.671	0.883	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.343	0.835	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.272	0.826	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.835	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.214	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.700	1.10	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.32	5.52	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.52	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.674	2.21	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.769	2.21	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 03:56	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*101 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*128 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*120 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*144 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*78.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*16.1 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*125 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*98.7 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*119 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*145 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*162 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*357 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*233 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*139 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*364 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*88.6 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*70.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*124 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*42.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*46.8 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:37	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*102 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:00	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	09/13/2024 08:09	09/14/2024 14:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*52.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7640**		mg/kg dry	4.64	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	**Antimony**	**3.38**		mg/kg dry	2.32	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.80**		mg/kg dry	1.39	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**275**		mg/kg dry	2.31	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.223**		mg/kg dry	0.047	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.714**		mg/kg dry	0.278	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**6510**		mg/kg dry	4.64	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.6**		mg/kg dry	0.464	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.92**		mg/kg dry	0.371	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**119**		mg/kg dry	1.85	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**23700**		mg/kg dry	23.2	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2140**		mg/kg dry	0.464	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2020**		mg/kg dry	4.64	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**298**		mg/kg dry	0.464	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.0**		mg/kg dry	0.924	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**619**	B	mg/kg dry	4.64	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**0.501**		mg/kg dry	0.467	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**248**		mg/kg dry	46.4	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.32	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.6**		mg/kg dry	0.924	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**293**		mg/kg dry	2.31	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:49	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.249**		mg/kg dry	0.0334	1	EPA 7473	09/13/2024 14:33	09/14/2024 16:22	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.556	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.6**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.556	1	EPA 9014/9010C	09/12/2024 08:03	09/12/2024 14:03	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE49_22 **York Sample ID:** 24I0618-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.9**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.072	0.14	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.011**	CCVE	mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.051**	CCVE, ICVE	mg/kg dry	0.0072	0.014	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0072	0.014	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.348	2	EPA 8270D	09/13/2024 12:44	09/16/2024 12:32	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.8 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*2.52 %*	S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.6 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.0 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.6 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.2 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 13:33	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*63.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.116	0.185	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0555	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.187	0.191	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.180	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.203	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.419	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.162	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.623	0.795	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.790	0.804	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.837	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.145	0.372	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.202	0.419	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0649	0.419	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.100	0.419	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.164	0.197	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.623	0.785	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.636	0.837	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.325	0.791	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.257	0.783	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.182	0.791	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.177	0.203	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.201	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.663	1.05	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.20	5.23	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.57	5.23	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.639	2.09	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.729	2.09	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:12	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*92.3 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*113 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*107 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*94.1 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*124 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*119 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*75.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*19.1 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*126 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*96.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*133 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*237 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*142 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*97.4 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*338 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*69.9 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*57.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*122 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*41.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*43.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B	09/13/2024 08:06	09/13/2024 16:54	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:14	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*132 %*	S-08, S-GC	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*		*30-120*

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0211	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:32	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0211	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:32	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0211	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:32	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*72.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5260**		mg/kg dry	4.40	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.20	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.42**		mg/kg dry	1.32	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**16.9**		mg/kg dry	2.20	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.185**		mg/kg dry	0.044	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.264	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**652**		mg/kg dry	4.40	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.20**		mg/kg dry	0.441	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.51**		mg/kg dry	0.352	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.26**		mg/kg dry	1.76	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8030**		mg/kg dry	22.0	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.73**		mg/kg dry	0.441	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2120**		mg/kg dry	4.41	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**60.1**		mg/kg dry	0.441	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**16.7**		mg/kg dry	0.877	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**300**	B	mg/kg dry	4.41	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.20	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.444	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**53.5**		mg/kg dry	44.0	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.20	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.4**		mg/kg dry	0.877	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**20.1**		mg/kg dry	2.19	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:50	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0317	1	EPA 7473	09/12/2024 14:21	09/13/2024 14:11	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.528	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.20**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE50_21.5 **York Sample ID:** 24I0618-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:10 pm	09/11/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.528	1	EPA 9014/9010C	09/12/2024 08:03	09/12/2024 14:03	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.6**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.015**	CCVE, ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:32	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.0936**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.180**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.190**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.164**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.176**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.158**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.151**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.591**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.176**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0510**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.343**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.168**	CCVE	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.288**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.375**		mg/kg dry	0.0477	0.0952	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 13:50	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.127	0.202	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0605	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.204	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.196	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.314**		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.216	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.218	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.186	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.143	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.118	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.169	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	**N-EtFOSAA**	**0.909**		ug/kg dry	0.221	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.124	0.456	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.167	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.177	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.679	0.867	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.862	0.876	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.124	0.913	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.159	0.406	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.220	0.456	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0707	0.456	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.110	0.456	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.179	0.215	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.679	0.856	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.694	0.913	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.355	0.863	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.281	0.854	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.199	0.863	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.193	0.221	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.141	0.219	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.723	1.14	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.39	5.71	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.71	5.71	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.697	2.28	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.205	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.795	2.28	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:28	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*135 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*142 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*93.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*89.8 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*161 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*100 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*142 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*187 %*	PFSu-H	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*191 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*541 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*386 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*112 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*436 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*96.4 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*76.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*47.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*47.3 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.190	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:11	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.0781**		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0318**		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.110**		mg/kg dry	0.0192	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:27	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0231	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0231	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0231	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:39	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*68.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6510**		mg/kg dry	4.82	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.41	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.64**		mg/kg dry	1.45	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**411**		mg/kg dry	2.41	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.280**		mg/kg dry	0.049	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.656**		mg/kg dry	0.289	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3380**		mg/kg dry	4.82	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.482	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.09**		mg/kg dry	0.385	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**55.0**		mg/kg dry	1.93	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**27700**		mg/kg dry	24.1	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**206**		mg/kg dry	0.482	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2870**		mg/kg dry	4.82	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**185**		mg/kg dry	0.482	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**28.0**		mg/kg dry	0.960	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**423**	B	mg/kg dry	4.82	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.41	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.486	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**178**		mg/kg dry	48.2	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.41	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.6**		mg/kg dry	0.960	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**215**		mg/kg dry	2.40	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:51	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.692**		mg/kg dry	0.0347	1	EPA 7473	09/12/2024 14:21	09/13/2024 14:11	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.579	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.4**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.579	1	EPA 9014/9010C	09/12/2024 08:03	09/12/2024 14:03	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE57_22 **York Sample ID:** 24I0618-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:20 pm	09/11/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.4**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	09/12/2024 09:00	09/12/2024 15:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.0529**	J	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.152**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.373**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.381**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.294**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.267**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.257**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.101**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.442**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.396**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0801**	J	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.705**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0586**	J	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.274**	CCVE	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.492**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.835**		mg/kg dry	0.0448	0.0895	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/13/2024 12:44	09/16/2024 13:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*51.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 14:07	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*62.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.191	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0573	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.198	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.273**		ug/kg dry	0.180	0.201	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.432	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.209	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.643	0.821	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.816	0.830	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.865	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.385	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.432	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0670	0.432	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.432	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.203	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.643	0.810	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.657	0.865	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.336	0.817	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.266	0.808	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.817	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.207	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.685	1.08	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.40	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.62	5.40	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.660	2.16	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.753	2.16	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 04:44	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*96.5 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*99.6 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*91.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*118 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*137 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.5 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*79.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*98.7 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*120 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*90.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*111 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*148 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*170 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*397 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*294 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*97.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*335 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*60.6 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*52.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*111 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*32.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*33.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone [2C]	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.0377**		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0235**		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.0612**		mg/kg dry	0.0181	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:41	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0217	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0217	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*62.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5350**		mg/kg dry	4.53	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.26	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.62**		mg/kg dry	1.36	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**193**		mg/kg dry	2.26	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.272**		mg/kg dry	0.046	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.45**		mg/kg dry	0.272	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**11800**		mg/kg dry	4.53	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.6**		mg/kg dry	0.453	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.73**		mg/kg dry	0.362	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**93.4**		mg/kg dry	1.81	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**19800**		mg/kg dry	22.6	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**362**		mg/kg dry	0.453	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2710**		mg/kg dry	4.53	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**187**		mg/kg dry	0.453	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.2**		mg/kg dry	0.902	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE58_21.5 **York Sample ID:** 24I0618-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**512**	B	mg/kg dry	4.53	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.457	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**180**		mg/kg dry	45.3	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.26	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.8**		mg/kg dry	0.902	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**456**		mg/kg dry	2.26	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:55	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.240**		mg/kg dry	0.0326	1	EPA 7473	09/12/2024 14:21	09/13/2024 14:11	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.544	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**17.6**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C	09/12/2024 08:03	09/12/2024 14:03	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **PE58_21.5** **York Sample ID:** **24I0618-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:25 pm	09/11/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.0**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0054**	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.041**	CCVE, ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	09/12/2024 09:00	09/12/2024 16:24	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	09/13/2024 12:44	09/16/2024 14:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	09/15/2024 07:59	09/16/2024 14:55	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.186	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0558	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.193	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.421	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.626	0.800	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.795	0.809	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.842	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.375	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.203	0.421	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0653	0.421	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.421	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.198	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.626	0.790	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.640	0.842	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.327	0.796	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.787	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.796	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.204	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.202	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.667	1.05	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.26	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.26	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.643	2.11	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.734	2.11	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.211	1	EPA 1633 Draft 3	09/17/2024 08:24	09/19/2024 05:00	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*106 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*141 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*115 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*72.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*58.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*24.6 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*125 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*106 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*128 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*147 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*161 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*294 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*221 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*120 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*343 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*70.0 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*54.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*137 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*36.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	09/13/2024 08:06	09/13/2024 17:45	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*105 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	09/13/2024 08:06	09/13/2024 20:55	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*116 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	09/13/2024 08:09	09/14/2024 15:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*75.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5340**		mg/kg dry	4.43	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.78**		mg/kg dry	1.33	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**42.0**		mg/kg dry	2.21	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.177**		mg/kg dry	0.045	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**631**		mg/kg dry	4.43	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**8.91**		mg/kg dry	0.443	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.37**		mg/kg dry	0.354	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.85**		mg/kg dry	1.77	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8170**		mg/kg dry	22.1	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**10.1**		mg/kg dry	0.443	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2210**		mg/kg dry	4.43	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**63.5**		mg/kg dry	0.443	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**18.1**		mg/kg dry	0.883	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**361**	B	mg/kg dry	4.43	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**55.1**		mg/kg dry	44.3	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.21	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**11.7**		mg/kg dry	0.883	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**52.6**		mg/kg dry	2.21	1	EPA 6010D	09/15/2024 08:23	09/16/2024 11:57	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0319	1	EPA 7473	09/12/2024 14:21	09/13/2024 14:11	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.532	1	EPA 7196A	09/16/2024 09:11	09/16/2024 16:08	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**8.91**		mg/kg	0.500	1	Calculation	09/16/2024 16:49	09/16/2024 17:21	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.532	1	EPA 9014/9010C	09/13/2024 07:25	09/13/2024 12:08	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE59_20 **York Sample ID:** 24I0618-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Soil	September 11, 2024 12:30 pm	09/11/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.0**		%	0.100	1	SM 2540G	09/12/2024 10:19	09/12/2024 15:15	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: EB_09112024 **York Sample ID:** 24I0618-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.476	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.354	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.719	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.689	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.425	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.830	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.527	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.760	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.14	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.891	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.749	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.699	2.03	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.800	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.04	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.233	4.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.891	2.03	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.922	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.34	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.07	7.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.08	7.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.334	8.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM

Sample Information

Client Sample ID: EB_09112024 **York Sample ID:** 24I0618-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.506	3.61	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/17/2024 15:25	09/18/2024 22:01	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.17	4.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/17/2024 15:25	09/18/2024 22:01	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.253	4.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/17/2024 15:25	09/18/2024 22:01	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.375	4.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/17/2024 15:25	09/18/2024 22:01	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.770	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.81	7.60	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.27	8.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.40	7.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.709	7.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
919005-14-4	ADONA	ND		ng/L	0.537	7.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ng/L	0.942	1.96	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.871	1.94	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/17/2024 15:25	09/18/2024 22:01	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.06	5.06	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.42	25.3	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.59	25.3	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.04	20.3	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.60	2.03	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.04	20.3	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.82	2.03	1	EPA 1633 Draft 3 Certifications:	09/17/2024 15:25	09/18/2024 22:01	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*144 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*127 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*126 %*	*25-150*

Sample Information

Client Sample ID: EB_09112024 **York Sample ID:** 24I0618-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*126 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*156 %*	PFSu-H		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*127 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*105 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.6 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.81 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*137 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*145 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*131 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*141 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*289 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*175 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*131 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*323 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*140 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*106 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*149 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*68.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.0 %*			*25-150*						

Sample Information

Client Sample ID: TB_09112024 **York Sample ID:** 24I0618-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09112024 **York Sample ID:** 24I0618-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE	ug/L	0.163	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09112024 **York Sample ID:** 24I0618-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.608	1.00	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_09112024 **York Sample ID:** 24I0618-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I0618	100688801	Water	September 11, 2024 2:00 pm	09/11/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/13/2024 11:20	09/13/2024 19:43	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.6 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*70-130*

Analytical Batch Summary

Batch ID: BI40705 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/12/24
24I0618-02	PE42_21.5	09/12/24
24I0618-03	PE49_22	09/12/24
24I0618-04	PE50_21.5	09/12/24
24I0618-05	PE57_22	09/12/24
24I0618-06	PE58_21.5	09/12/24
BI40705-BLK1	Blank	09/12/24
BI40705-SRM1	Reference	09/12/24

Batch ID: BI40745 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/12/24
24I0618-02	PE42_21.5	09/12/24
24I0618-03	PE49_22	09/12/24
24I0618-04	PE50_21.5	09/12/24
24I0618-05	PE57_22	09/12/24
24I0618-06	PE58_21.5	09/12/24
24I0618-07	PE59_20	09/12/24

Batch ID: BI40758 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-04	PE50_21.5	09/12/24
24I0618-05	PE57_22	09/12/24
24I0618-06	PE58_21.5	09/12/24
24I0618-07	PE59_20	09/12/24
BI40758-BLK1	Blank	09/12/24
BI40758-SRM1	Reference	09/12/24

Batch ID: BI40801 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-07	PE59_20	09/13/24
BI40801-BLK1	Blank	09/13/24
BI40801-SRM1	Reference	09/13/24

Batch ID: BI40810 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/13/24
24I0618-01	PE41_21.5	09/13/24
24I0618-02	PE42_21.5	09/13/24

24I0618-02	PE42_21.5	09/13/24
24I0618-03	PE49_22	09/13/24
24I0618-03	PE49_22	09/13/24
24I0618-04	PE50_21.5	09/13/24
24I0618-04	PE50_21.5	09/13/24
24I0618-05	PE57_22	09/13/24
24I0618-05	PE57_22	09/13/24
24I0618-06	PE58_21.5	09/13/24
24I0618-06	PE58_21.5	09/13/24
24I0618-07	PE59_20	09/13/24
24I0618-07	PE59_20	09/13/24
BI40810-BLK1	Blank	09/13/24
BI40810-BLK2	Blank	09/13/24
BI40810-BS1	LCS	09/13/24
BI40810-BS2	LCS	09/13/24
BI40810-MS1	Matrix Spike	09/13/24
BI40810-MSD1	Matrix Spike Dup	09/13/24

Batch ID: BI40812 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/13/24
24I0618-02	PE42_21.5	09/13/24
24I0618-03	PE49_22	09/13/24
24I0618-04	PE50_21.5	09/13/24
24I0618-05	PE57_22	09/13/24
24I0618-06	PE58_21.5	09/13/24
24I0618-07	PE59_20	09/13/24
BI40812-BLK1	Blank	09/13/24
BI40812-BS1	LCS	09/13/24

Batch ID: BI40840 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/13/24
24I0618-02	PE42_21.5	09/13/24
24I0618-03	PE49_22	09/13/24
24I0618-04	PE50_21.5	09/13/24
24I0618-05	PE57_22	09/13/24
24I0618-06	PE58_21.5	09/13/24
24I0618-07	PE59_20	09/13/24
BI40840-BLK1	Blank	09/13/24
BI40840-BS1	LCS	09/13/24

Batch ID: BI40842 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/13/24
24I0618-02	PE42_21.5	09/13/24
24I0618-03	PE49_22	09/13/24

BI40842-BLK1	Blank	09/13/24
BI40842-SRM1	Reference	09/13/24

Batch ID: BI40852 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/12/24
24I0618-02	PE42_21.5	09/12/24
24I0618-03	PE49_22	09/12/24
24I0618-04	PE50_21.5	09/12/24
24I0618-05	PE57_22	09/12/24
24I0618-06	PE58_21.5	09/12/24
24I0618-07	PE59_20	09/12/24
BI40852-BLK1	Blank	09/12/24
BI40852-BS1	LCS	09/12/24
BI40852-BSD1	LCS Dup	09/12/24

Batch ID: BI40889 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/15/24
24I0618-02	PE42_21.5	09/15/24
24I0618-03	PE49_22	09/15/24
24I0618-04	PE50_21.5	09/15/24
24I0618-05	PE57_22	09/15/24
24I0618-06	PE58_21.5	09/15/24
24I0618-07	PE59_20	09/15/24
BI40889-BLK1	Blank	09/15/24
BI40889-BS1	LCS	09/15/24

Batch ID: BI40891 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/15/24
24I0618-02	PE42_21.5	09/15/24
24I0618-03	PE49_22	09/15/24
24I0618-04	PE50_21.5	09/15/24
24I0618-05	PE57_22	09/15/24
24I0618-06	PE58_21.5	09/15/24
24I0618-07	PE59_20	09/15/24
BI40891-BLK1	Blank	09/15/24
BI40891-SRM1	Reference	09/15/24

Batch ID: BI40948 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/16/24
24I0618-02	PE42_21.5	09/16/24
24I0618-03	PE49_22	09/16/24

24I0618-04	PE50_21.5	09/16/24
24I0618-05	PE57_22	09/16/24
24I0618-06	PE58_21.5	09/16/24
24I0618-07	PE59_20	09/16/24
BI40948-BLK1	Blank	09/16/24
BI40948-DUP1	Duplicate	09/16/24
BI40948-MS1	Matrix Spike	09/16/24
BI40948-MSD1	Matrix Spike Dup	09/16/24
BI40948-SRM1	Reference	09/16/24

Batch ID: BI40981 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/16/24
24I0618-02	PE42_21.5	09/16/24
24I0618-03	PE49_22	09/16/24
24I0618-04	PE50_21.5	09/16/24
24I0618-05	PE57_22	09/16/24
24I0618-06	PE58_21.5	09/16/24
24I0618-07	PE59_20	09/16/24

Batch ID: BI41014 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-01	PE41_21.5	09/17/24
24I0618-02	PE42_21.5	09/17/24
24I0618-03	PE49_22	09/17/24
24I0618-04	PE50_21.5	09/17/24
24I0618-05	PE57_22	09/17/24
24I0618-06	PE58_21.5	09/17/24
24I0618-07	PE59_20	09/17/24
BI41014-BLK1	Blank	09/17/24
BI41014-BS1	LCS	09/17/24
BI41014-BS2	LCS	09/17/24

Batch ID: BI41035 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-09	TB_09112024	09/13/24
BI41035-BLK1	Blank	09/13/24
BI41035-BS1	LCS	09/13/24
BI41035-BSD1	LCS Dup	09/13/24

Batch ID: BI41062 **Preparation Method:** EPA 1633 Prep **Prepared By:** DRF

YORK Sample ID	Client Sample ID	Preparation Date
24I0618-08	EB_09112024	09/17/24
BI41062-BLK1	Blank	09/17/24
BI41062-BS1	LCS	09/17/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40852 - EPA 5035A											
Blank (BI40852-BLK1) Blank									Prepared & Analyzed: 09/12/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40852 - EPA 5035A											
Blank (BI40852-BLK1) Blank								Prepared & Analyzed: 09/12/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.4*		*"*	*50.0*		*105*	*76-130*				
LCS (BI40852-BS1) LCS								Prepared & Analyzed: 09/12/2024			
1,1,1,2-Tetrachloroethane	49.2		ug/L	50.0		98.3	75-129			30	
1,1,1-Trichloroethane	47.3		"	50.0		94.6	70-130			30	
1,1,2,2-Tetrachloroethane	51.3		"	50.0		103	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.3		"	50.0		96.6	70-130			30	
1,1,2-Trichloroethane	48.0		"	50.0		96.1	70-130			30	
1,1-Dichloroethane	47.1		"	50.0		94.1	70-130			30	
1,1-Dichloroethylene	51.3		"	50.0		103	70-130			30	
1,1-Dichloropropylene	48.9		"	50.0		97.8	77-127			30	
1,2,3-Trichlorobenzene	52.0		"	50.0		104	70-130			30	
1,2,3-Trichloropropane	49.8		"	50.0		99.6	81-126			30	
1,2,4-Trichlorobenzene	53.5		"	50.0		107	70-130			30	
1,2,4-Trimethylbenzene	51.3		"	50.0		103	84-125			30	
1,2-Dibromo-3-chloropropane	51.7		"	50.0		103	40-160			30	
1,2-Dibromoethane	48.5		"	50.0		96.9	70-130			30	
1,2-Dichlorobenzene	49.3		"	50.0		98.6	70-130			30	
1,2-Dichloroethane	47.4		"	50.0		94.8	70-130			30	
1,2-Dichloropropane	49.1		"	50.0		98.2	70-130			30	
1,3,5-Trimethylbenzene	50.6		"	50.0		101	82-126			30	
1,3-Dichlorobenzene	49.1		"	50.0		98.2	70-130			30	
1,3-Dichloropropane	48.9		"	50.0		97.9	83-123			30	
1,4-Dichlorobenzene	49.0		"	50.0		98.1	70-130			30	
1,4-Dioxane	852		"	1050		81.2	40-160			30	
2,2-Dichloropropane	52.0		"	50.0		104	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40852 - EPA 5035A											
LCS (BI40852-BS1) LCS							Prepared & Analyzed: 09/12/2024				
2-Butanone	45.5		ug/L	50.0		91.0	40-160			30	
2-Chlorotoluene	49.8		"	50.0		99.6	78-127			30	
2-Hexanone	50.0		"	50.0		100	40-160			30	
4-Chlorotoluene	50.9		"	50.0		102	79-125			30	
4-Methyl-2-pentanone	38.0		"	50.0		76.0	40-160			30	
Acetone	29.7		"	50.0		59.5	40-160			30	
Acrolein	10.8		"	50.0		21.6	10-238			30	
Acrylonitrile	49.2		"	50.0		98.4	66-141			30	
Benzene	48.2		"	50.0		96.4	70-130			30	
Bromobenzene	51.4		"	50.0		103	77-129			30	
Bromochloromethane	47.5		"	50.0		95.1	70-130			30	
Bromodichloromethane	49.3		"	50.0		98.6	70-130			30	
Bromoform	49.8		"	50.0		99.5	70-130			30	
Bromomethane	49.6		"	50.0		99.2	40-160			30	
Carbon disulfide	51.0		"	50.0		102	40-160			30	
Carbon tetrachloride	48.0		"	50.0		96.0	70-130			30	
Chlorobenzene	47.7		"	50.0		95.3	70-130			30	
Chloroethane	45.8		"	50.0		91.6	51-142			30	
Chloroform	47.0		"	50.0		93.9	70-130			30	
Chloromethane	44.6		"	50.0		89.2	49-132			30	
cis-1,2-Dichloroethylene	48.3		"	50.0		96.6	70-130			30	
cis-1,3-Dichloropropylene	50.1		"	50.0		100	70-130			30	
Cyclohexane	49.3		"	50.0		98.6	70-130			30	
Dibromochloromethane	49.5		"	50.0		99.1	70-130			30	
Dibromomethane	46.8		"	50.0		93.5	83-124			30	
Dichlorodifluoromethane	48.4		"	50.0		96.9	40-160			30	
Ethyl Benzene	50.0		"	50.0		99.9	70-130			30	
Hexachlorobutadiene	52.1		"	50.0		104	83-133			30	
Isopropylbenzene	51.8		"	50.0		104	70-130			30	
Methyl acetate	44.0		"	50.0		88.0	70-130			30	
Methyl tert-butyl ether (MTBE)	50.4		"	50.0		101	70-130			30	
Methylcyclohexane	47.3		"	50.0		94.5	70-130			30	
Methylene chloride	47.2		"	50.0		94.5	70-130			30	
n-Butylbenzene	51.5		"	50.0		103	80-130			30	
n-Propylbenzene	51.3		"	50.0		103	74-136			30	
o-Xylene	48.7		"	50.0		97.4	70-130			30	
p- & m- Xylenes	97.0		"	100		97.0	70-130			30	
p-Isopropyltoluene	53.0		"	50.0		106	85-125			30	
sec-Butylbenzene	51.9		"	50.0		104	83-125			30	
Styrene	50.3		"	50.0		101	70-130			30	
tert-Butyl alcohol (TBA)	258		"	250		103	70-130			30	
tert-Butylbenzene	44.4		"	50.0		88.8	80-127			30	
Tetrachloroethylene	44.3		"	50.0		88.6	70-130			30	
Toluene	48.5		"	50.0		96.9	70-130			30	
trans-1,2-Dichloroethylene	48.6		"	50.0		97.2	70-130			30	
trans-1,3-Dichloropropylene	53.2		"	50.0		106	70-130			30	
Trichloroethylene	48.6		"	50.0		97.2	70-130			30	
Trichlorofluoromethane	47.3		"	50.0		94.6	40-160			30	
Vinyl Chloride	46.7		"	50.0		93.4	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40852 - EPA 5035A											
LCS (BI40852-BS1) LCS								Prepared & Analyzed: 09/12/2024			
Surrogate: SURR: p-Bromofluorobenzene	*52.0*		*ug/L*	*50.0*		*104*	*76-130*				
LCS Dup (BI40852-BSD1) LCS Dup								Prepared & Analyzed: 09/12/2024			
1,1,1,2-Tetrachloroethane	50.5		ug/L	50.0		101	75-129		2.63	30	
1,1,1-Trichloroethane	48.7		"	50.0		97.4	70-130		2.94	30	
1,1,2,2-Tetrachloroethane	53.2		"	50.0		106	70-130		3.52	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.7		"	50.0		101	70-130		4.81	30	
1,1,2-Trichloroethane	48.8		"	50.0		97.5	70-130		1.49	30	
1,1-Dichloroethane	48.6		"	50.0		97.2	70-130		3.18	30	
1,1-Dichloroethylene	52.4		"	50.0		105	70-130		1.97	30	
1,1-Dichloropropylene	50.1		"	50.0		100	77-127		2.32	30	
1,2,3-Trichlorobenzene	53.7		"	50.0		107	70-130		3.29	30	
1,2,3-Trichloropropane	51.4		"	50.0		103	81-126		3.04	30	
1,2,4-Trichlorobenzene	54.5		"	50.0		109	70-130		1.87	30	
1,2,4-Trimethylbenzene	52.3		"	50.0		105	84-125		1.85	30	
1,2-Dibromo-3-chloropropane	53.6		"	50.0		107	40-160		3.63	30	
1,2-Dibromoethane	49.8		"	50.0		99.5	70-130		2.65	30	
1,2-Dichlorobenzene	50.9		"	50.0		102	70-130		3.12	30	
1,2-Dichloroethane	50.3		"	50.0		101	70-130		5.92	30	
1,2-Dichloropropane	50.6		"	50.0		101	70-130		2.99	30	
1,3,5-Trimethylbenzene	51.7		"	50.0		103	82-126		2.27	30	
1,3-Dichlorobenzene	50.2		"	50.0		100	70-130		2.16	30	
1,3-Dichloropropane	50.0		"	50.0		100	83-123		2.20	30	
1,4-Dichlorobenzene	50.0		"	50.0		100	70-130		1.98	30	
1,4-Dioxane	909		"	1050		86.5	40-160		6.43	30	
2,2-Dichloropropane	54.5		"	50.0		109	67-136		4.62	30	
2-Butanone	46.3		"	50.0		92.5	40-160		1.66	30	
2-Chlorotoluene	51.1		"	50.0		102	78-127		2.60	30	
2-Hexanone	52.1		"	50.0		104	40-160		4.01	30	
4-Chlorotoluene	51.9		"	50.0		104	79-125		2.04	30	
4-Methyl-2-pentanone	39.3		"	50.0		78.7	40-160		3.47	30	
Acetone	31.2		"	50.0		62.3	40-160		4.73	30	
Acrolein	10.8		"	50.0		21.5	10-238		0.186	30	
Acrylonitrile	51.8		"	50.0		104	66-141		5.13	30	
Benzene	49.4		"	50.0		98.8	70-130		2.46	30	
Bromobenzene	52.7		"	50.0		105	77-129		2.50	30	
Bromochloromethane	49.6		"	50.0		99.1	70-130		4.16	30	
Bromodichloromethane	51.0		"	50.0		102	70-130		3.37	30	
Bromoform	51.2		"	50.0		102	70-130		2.93	30	
Bromomethane	51.5		"	50.0		103	40-160		3.80	30	
Carbon disulfide	51.8		"	50.0		104	40-160		1.42	30	
Carbon tetrachloride	49.5		"	50.0		98.9	70-130		3.02	30	
Chlorobenzene	48.4		"	50.0		96.8	70-130		1.56	30	
Chloroethane	47.4		"	50.0		94.8	51-142		3.37	30	
Chloroform	48.7		"	50.0		97.4	70-130		3.60	30	
Chloromethane	40.7		"	50.0		81.5	49-132		9.12	30	
cis-1,2-Dichloroethylene	49.8		"	50.0		99.6	70-130		2.98	30	
cis-1,3-Dichloropropylene	51.7		"	50.0		103	70-130		3.10	30	
Cyclohexane	50.8		"	50.0		102	70-130		2.96	30	
Dibromochloromethane	50.7		"	50.0		101	70-130		2.41	30	
Dibromomethane	48.7		"	50.0		97.3	83-124		4.00	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40852 - EPA 5035A											
LCS Dup (BI40852-BSD1) LCS Dup								Prepared & Analyzed: 09/12/2024			
Dichlorodifluoromethane	48.9		ug/L	50.0		97.8	40-160		0.904	30	
Ethyl Benzene	50.8		"	50.0		102	70-130		1.71	30	
Hexachlorobutadiene	52.7		"	50.0		105	83-133		1.28	30	
Isopropylbenzene	52.8		"	50.0		106	70-130		2.01	30	
Methyl acetate	46.0		"	50.0		92.1	70-130		4.51	30	
Methyl tert-butyl ether (MTBE)	52.8		"	50.0		106	70-130		4.61	30	
Methylcyclohexane	47.7		"	50.0		95.4	70-130		0.927	30	
Methylene chloride	48.9		"	50.0		97.8	70-130		3.47	30	
n-Butylbenzene	51.5		"	50.0		103	80-130		0.0582	30	
n-Propylbenzene	52.4		"	50.0		105	74-136		2.08	30	
o-Xylene	50.2		"	50.0		100	70-130		2.95	30	
p- & m- Xylenes	99.0		"	100		99.0	70-130		2.03	30	
p-Isopropyltoluene	54.3		"	50.0		109	85-125		2.33	30	
sec-Butylbenzene	52.7		"	50.0		105	83-125		1.61	30	
Styrene	51.6		"	50.0		103	70-130		2.45	30	
tert-Butyl alcohol (TBA)	280		"	250		112	70-130		8.06	30	
tert-Butylbenzene	45.4		"	50.0		90.7	80-127		2.14	30	
Tetrachloroethylene	45.0		"	50.0		90.0	70-130		1.57	30	
Toluene	49.6		"	50.0		99.2	70-130		2.26	30	
trans-1,2-Dichloroethylene	49.7		"	50.0		99.4	70-130		2.16	30	
trans-1,3-Dichloropropylene	54.3		"	50.0		109	70-130		2.05	30	
Trichloroethylene	50.0		"	50.0		100	70-130		2.84	30	
Trichlorofluoromethane	48.2		"	50.0		96.5	40-160		2.03	30	
Vinyl Chloride	47.5		"	50.0		95.0	70-130		1.72	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41035 - EPA 5030B											
Blank (BI41035-BLK1) Blank									Prepared & Analyzed: 09/13/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41035 - EPA 5030B											
Blank (BI41035-BLK1) Blank								Prepared & Analyzed: 09/13/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.58*		*"*	*10.0*		*95.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.6*		*"*	*10.0*		*116*	*70-130*				
LCS (BI41035-BS1) LCS								Prepared & Analyzed: 09/13/2024			
1,1,1,2-Tetrachloroethane	9.18		ug/L	10.0		91.8	82-126			30	
1,1,1-Trichloroethane	9.26		"	10.0		92.6	70-130			20	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78		"	10.0		97.8	70-130			20	
1,1,2-Trichloroethane	9.37		"	10.0		93.7	70-130			20	
1,1-Dichloroethane	9.39		"	10.0		93.9	70-130			20	
1,1-Dichloroethylene	10.2		"	10.0		102	70-130			20	
1,1-Dichloropropylene	9.82		"	10.0		98.2	83-133			30	
1,2,3-Trichlorobenzene	14.7		"	10.0		147	70-130	High Bias		20	
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128			30	
1,2,4-Trichlorobenzene	9.75		"	10.0		97.5	70-130			20	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132			20	
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	40-160			20	
1,2-Dibromoethane	9.41		"	10.0		94.1	70-130			20	
1,2-Dichlorobenzene	9.76		"	10.0		97.6	70-130			20	
1,2-Dichloroethane	9.32		"	10.0		93.2	70-130			20	
1,2-Dichloropropane	9.90		"	10.0		99.0	70-130			20	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131			30	
1,3-Dichlorobenzene	9.84		"	10.0		98.4	70-130			20	
1,3-Dichloropropane	9.52		"	10.0		95.2	81-125			30	
1,4-Dichlorobenzene	9.57		"	10.0		95.7	70-130			20	
1,4-Dioxane	206		"	210		98.2	40-160			20	
2,2-Dichloropropane	9.71		"	10.0		97.1	56-150			30	
2-Butanone	10.4		"	10.0		104	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41035 - EPA 5030B											
LCS (BI41035-BS1) LCS								Prepared & Analyzed: 09/13/2024			
2-Chlorotoluene	10.3		ug/L	10.0		103	79-130			30	
2-Hexanone	9.09		"	10.0		90.9	40-160			20	
4-Chlorotoluene	10.6		"	10.0		106	79-128			30	
4-Methyl-2-pentanone	7.86		"	10.0		78.6	40-160			20	
Acetone	7.25		"	10.0		72.5	40-160			20	
Acrolein	4.00		"	10.0		40.0	10-153			30	
Acrylonitrile	7.07		"	10.0		70.7	51-150			30	
Benzene	9.83		"	10.0		98.3	70-130			20	
Bromobenzene	10.3		"	10.0		103	78-129			30	
Bromochloromethane	9.47		"	10.0		94.7	70-130			20	
Bromodichloromethane	9.20		"	10.0		92.0	70-130			20	
Bromoform	7.93		"	10.0		79.3	70-130			20	
Bromomethane	8.71		"	10.0		87.1	40-160			20	
Carbon disulfide	9.78		"	10.0		97.8	40-160			20	
Carbon tetrachloride	9.28		"	10.0		92.8	70-130			20	
Chlorobenzene	9.49		"	10.0		94.9	70-130			20	
Chloroethane	9.30		"	10.0		93.0	40-160			20	
Chloroform	9.37		"	10.0		93.7	70-130			20	
Chloromethane	9.62		"	10.0		96.2	40-160			20	
cis-1,2-Dichloroethylene	9.70		"	10.0		97.0	70-130			20	
cis-1,3-Dichloropropylene	8.86		"	10.0		88.6	70-130			20	
Cyclohexane	9.21		"	10.0		92.1	70-130			20	
Dibromochloromethane	8.60		"	10.0		86.0	70-130			20	
Dibromomethane	9.21		"	10.0		92.1	72-134			30	
Dichlorodifluoromethane	10.6		"	10.0		106	40-160			20	
Ethyl Benzene	10.1		"	10.0		101	70-130			20	
Hexachlorobutadiene	8.91		"	10.0		89.1	67-146			30	
Isopropylbenzene	10.8		"	10.0		108	70-130			20	
Methyl acetate	7.82		"	10.0		78.2	70-130			20	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	70-130			20	
Methylcyclohexane	9.23		"	10.0		92.3	70-130			20	
Methylene chloride	9.27		"	10.0		92.7	70-130			20	
n-Butylbenzene	10.4		"	10.0		104	79-132			30	
n-Propylbenzene	10.8		"	10.0		108	78-133			30	
o-Xylene	9.65		"	10.0		96.5	70-130			20	
p- & m- Xylenes	19.9		"	20.0		99.4	70-130			20	
p-Isopropyltoluene	10.9		"	10.0		109	81-136			30	
sec-Butylbenzene	10.7		"	10.0		107	79-137			30	
Styrene	9.60		"	10.0		96.0	70-130			20	
tert-Butyl alcohol (TBA)	7.28		"	50.0		14.6	25-162	Low Bias		30	
tert-Butylbenzene	9.70		"	10.0		97.0	77-138			30	
Tetrachloroethylene	9.10		"	10.0		91.0	70-130			20	
Toluene	9.90		"	10.0		99.0	70-130			20	
trans-1,2-Dichloroethylene	9.62		"	10.0		96.2	70-130			20	
trans-1,3-Dichloropropylene	8.73		"	10.0		87.3	70-130			20	
Trichloroethylene	9.67		"	10.0		96.7	70-130			20	
Trichlorofluoromethane	9.11		"	10.0		91.1	40-160			20	
Vinyl Chloride	9.48		"	10.0		94.8	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41035 - EPA 5030B											
LCS (BI41035-BS1) LCS								Prepared & Analyzed: 09/13/2024			
LCS Dup (BI41035-BSD1) LCS Dup								Prepared & Analyzed: 09/13/2024			
1,1,1,2-Tetrachloroethane	9.20		ug/L	10.0		92.0	82-126		0.218	30	
1,1,1-Trichloroethane	9.26		"	10.0		92.6	70-130		0.00	20	
1,1,2,2-Tetrachloroethane	9.68		"	10.0		96.8	70-130		4.25	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.46		"	10.0		94.6	70-130		3.33	20	
1,1,2-Trichloroethane	9.31		"	10.0		93.1	70-130		0.642	20	
1,1-Dichloroethane	9.53		"	10.0		95.3	70-130		1.48	20	
1,1-Dichloroethylene	10.0		"	10.0		100	70-130		1.59	20	
1,1-Dichloropropylene	9.79		"	10.0		97.9	83-133		0.306	30	
1,2,3-Trichlorobenzene	14.5		"	10.0		145	70-130	High Bias	1.30	20	
1,2,3-Trichloropropane	10.8		"	10.0		108	77-128		5.69	30	
1,2,4-Trichlorobenzene	10.0		"	10.0		100	70-130		2.73	20	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		1.74	20	
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	40-160		5.40	20	
1,2-Dibromoethane	8.96		"	10.0		89.6	70-130		4.90	20	
1,2-Dichlorobenzene	9.63		"	10.0		96.3	70-130		1.34	20	
1,2-Dichloroethane	9.11		"	10.0		91.1	70-130		2.28	20	
1,2-Dichloropropane	9.83		"	10.0		98.3	70-130		0.710	20	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131		1.79	30	
1,3-Dichlorobenzene	9.83		"	10.0		98.3	70-130		0.102	20	
1,3-Dichloropropane	9.37		"	10.0		93.7	81-125		1.59	30	
1,4-Dichlorobenzene	9.39		"	10.0		93.9	70-130		1.90	20	
1,4-Dioxane	184		"	210		87.7	40-160		11.3	20	
2,2-Dichloropropane	9.75		"	10.0		97.5	56-150		0.411	30	
2-Butanone	10.3		"	10.0		103	40-160		1.06	20	
2-Chlorotoluene	10.1		"	10.0		101	79-130		1.96	30	
2-Hexanone	8.65		"	10.0		86.5	40-160		4.96	20	
4-Chlorotoluene	10.3		"	10.0		103	79-128		2.49	30	
4-Methyl-2-pentanone	7.91		"	10.0		79.1	40-160		0.634	20	
Acetone	8.16		"	10.0		81.6	40-160		11.8	20	
Acrolein	3.62		"	10.0		36.2	10-153		9.97	30	
Acrylonitrile	7.77		"	10.0		77.7	51-150		9.43	30	
Benzene	9.95		"	10.0		99.5	70-130		1.21	20	
Bromobenzene	10.0		"	10.0		100	78-129		2.46	30	
Bromochloromethane	9.35		"	10.0		93.5	70-130		1.28	20	
Bromodichloromethane	9.26		"	10.0		92.6	70-130		0.650	20	
Bromoform	8.15		"	10.0		81.5	70-130		2.74	20	
Bromomethane	9.12		"	10.0		91.2	40-160		4.60	20	
Carbon disulfide	9.70		"	10.0		97.0	40-160		0.821	20	
Carbon tetrachloride	9.23		"	10.0		92.3	70-130		0.540	20	
Chlorobenzene	9.51		"	10.0		95.1	70-130		0.211	20	
Chloroethane	9.18		"	10.0		91.8	40-160		1.30	20	
Chloroform	9.44		"	10.0		94.4	70-130		0.744	20	
Chloromethane	9.41		"	10.0		94.1	40-160		2.21	20	
cis-1,2-Dichloroethylene	9.73		"	10.0		97.3	70-130		0.309	20	
cis-1,3-Dichloropropylene	8.92		"	10.0		89.2	70-130		0.675	20	
Cyclohexane	8.87		"	10.0		88.7	70-130		3.76	20	
Dibromochloromethane	8.66		"	10.0		86.6	70-130		0.695	20	
Dibromomethane	9.17		"	10.0		91.7	72-134		0.435	30	
Dichlorodifluoromethane	9.65		"	10.0		96.5	40-160		9.38	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41035 - EPA 5030B											
LCS Dup (BI41035-BSD1) LCS Dup								Prepared & Analyzed: 09/13/2024			
Ethyl Benzene	10.0		ug/L	10.0		100	70-130		0.498	20	
Hexachlorobutadiene	9.15		"	10.0		91.5	67-146		2.66	30	
Isopropylbenzene	10.5		"	10.0		105	70-130		3.37	20	
Methyl acetate	8.45		"	10.0		84.5	70-130		7.74	20	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	70-130		0.466	20	
Methylcyclohexane	8.92		"	10.0		89.2	70-130		3.42	20	
Methylene chloride	9.36		"	10.0		93.6	70-130		0.966	20	
n-Butylbenzene	10.4		"	10.0		104	79-132		0.0963	30	
n-Propylbenzene	10.6		"	10.0		106	78-133		2.52	30	
o-Xylene	9.70		"	10.0		97.0	70-130		0.517	20	
p- & m- Xylenes	19.9		"	20.0		99.6	70-130		0.151	20	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		1.39	30	
sec-Butylbenzene	10.5		"	10.0		105	79-137		2.26	30	
Styrene	9.74		"	10.0		97.4	70-130		1.45	20	
tert-Butyl alcohol (TBA)	7.44		"	50.0		14.9	25-162	Low Bias	2.17	30	
tert-Butylbenzene	9.42		"	10.0		94.2	77-138		2.93	30	
Tetrachloroethylene	9.01		"	10.0		90.1	70-130		0.994	20	
Toluene	9.86		"	10.0		98.6	70-130		0.405	20	
trans-1,2-Dichloroethylene	9.68		"	10.0		96.8	70-130		0.622	20	
trans-1,3-Dichloropropylene	8.56		"	10.0		85.6	70-130		1.97	20	
Trichloroethylene	9.55		"	10.0		95.5	70-130		1.25	20	
Trichlorofluoromethane	8.94		"	10.0		89.4	40-160		1.88	20	
Vinyl Chloride	9.13		"	10.0		91.3	70-130		3.76	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.72*		*"*	*10.0*		*97.2*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40840 - EPA 3550C											
Blank (BI40840-BLK1) Blank									Prepared: 09/13/2024 Analyzed: 09/16/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40840 - EPA 3550C											
Blank (BI40840-BLK1) Blank									Prepared: 09/13/2024 Analyzed: 09/16/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.33*		"	*1.66*		*80.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.21*		"	*1.66*		*72.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.816*		"	*0.831*		*98.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.709*		"	*0.831*		*85.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.43*		"	*1.66*		*86.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.745*		"	*0.831*		*89.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40840 - EPA 3550C											
LCS (BI40840-BS1) LCS									Prepared: 09/13/2024 Analyzed: 09/16/2024		
1,1-Biphenyl	0.593	0.0416	mg/kg wet	0.831		71.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.602	0.0830	"	0.831		72.5	21-131				
1,2,4-Trichlorobenzene	0.611	0.0416	"	1.25		49.0	10-140				
1,2-Dichlorobenzene	0.568	0.0416	"	1.25		45.6	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.643	0.0416	"	1.25		51.6	17-137				
1,3-Dichlorobenzene	0.568	0.0416	"	1.25		45.6	33-110				
1,4-Dichlorobenzene	0.571	0.0416	"	1.25		45.8	32-104				
2,3,4,6-Tetrachlorophenol	0.745	0.0830	"	1.25		59.8	30-130				
2,4,5-Trichlorophenol	0.648	0.0416	"	1.25		52.0	27-118				
2,4,6-Trichlorophenol	0.660	0.0416	"	1.25		53.0	31-120				
2,4-Dichlorophenol	0.650	0.0416	"	1.25		52.2	20-127				
2,4-Dimethylphenol	0.623	0.0416	"	1.25		50.0	14-132				
2,4-Dinitrophenol	0.704	0.0830	"	1.25		56.5	10-171				
2,4-Dinitrotoluene	0.809	0.0416	"	1.25		64.9	34-131				
2,6-Dinitrotoluene	0.787	0.0416	"	1.25		63.2	31-128				
2-Chloronaphthalene	0.607	0.0416	"	1.25		48.7	31-117				
2-Chlorophenol	0.625	0.0416	"	1.25		50.1	33-113				
2-Methylnaphthalene	0.551	0.0416	"	1.25		44.2	12-138				
2-Methylphenol	0.575	0.0416	"	1.25		46.1	10-136				
2-Nitroaniline	0.727	0.0830	"	1.25		58.4	27-132				
2-Nitrophenol	0.723	0.0416	"	1.25		58.0	17-129				
3- & 4-Methylphenols	0.505	0.0416	"	1.25		40.5	29-103				
3,3-Dichlorobenzidine	0.528	0.0416	"	0.831		63.6	22-149				
3-Nitroaniline	0.644	0.0830	"	1.25		51.7	20-133				
4,6-Dinitro-2-methylphenol	0.775	0.0830	"	1.25		62.2	10-143				
4-Bromophenyl phenyl ether	0.604	0.0416	"	1.25		48.5	29-120				
4-Chloro-3-methylphenol	0.642	0.0416	"	1.25		51.5	24-129				
4-Chloroaniline	0.512	0.0416	"	1.25		41.1	10-132				
4-Chlorophenyl phenyl ether	0.593	0.0416	"	1.25		47.6	27-124				
4-Nitroaniline	0.661	0.0830	"	1.25		53.1	16-128				
4-Nitrophenol	0.730	0.0830	"	1.25		58.6	10-141				
Acenaphthene	0.563	0.0416	"	1.25		45.2	30-121				
Acenaphthylene	0.595	0.0416	"	1.25		47.7	30-115				
Acetophenone	0.571	0.0416	"	0.831		68.8	20-112				
Aniline	0.569	0.166	"	1.25		45.7	10-119				
Anthracene	0.639	0.0416	"	1.25		51.3	34-118				
Atrazine	0.729	0.0416	"	0.831		87.8	26-112				
Benzaldehyde	0.608	0.0416	"	0.831		73.2	21-100				
Benzo(a)anthracene	0.602	0.0416	"	1.25		48.3	32-122				
Benzo(a)pyrene	0.544	0.0416	"	1.25		43.7	29-133				
Benzo(b)fluoranthene	0.592	0.0416	"	1.25		47.5	25-133				
Benzo(g,h,i)perylene	0.616	0.0416	"	1.25		49.4	10-143				
Benzo(k)fluoranthene	0.517	0.0416	"	1.25		41.5	25-128				
Benzoic acid	0.350	0.0416	"	0.831		42.1	10-140				
Benzyl alcohol	0.561	0.0416	"	1.25		45.0	30-115				
Benzyl butyl phthalate	0.681	0.0416	"	1.25		54.7	26-126				
Bis(2-chloroethoxy)methane	0.561	0.0416	"	1.25		45.1	19-132				
Bis(2-chloroethyl)ether	0.532	0.0416	"	1.25		42.7	19-125				
Bis(2-chloroisopropyl)ether	0.506	0.0416	"	1.25		40.6	20-135				
Bis(2-ethylhexyl)phthalate	0.617	0.0416	"	1.25		49.5	10-155				
Caprolactam	0.632	0.0830	"	0.831		76.1	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40840 - EPA 3550C											
LCS (BI40840-BS1) LCS									Prepared: 09/13/2024 Analyzed: 09/16/2024		
Carbazole	0.612	0.0416	mg/kg wet	1.25		49.1	35-123				
Chrysene	0.546	0.0416	"	1.25		43.8	32-123				
Dibenzo(a,h)anthracene	0.602	0.0416	"	1.25		48.3	10-136				
Dibenzofuran	0.598	0.0416	"	1.25		48.0	29-121				
Diethyl phthalate	0.632	0.0416	"	1.25		50.7	34-116				
Dimethyl phthalate	0.608	0.0416	"	1.25		48.8	35-124				
Di-n-butyl phthalate	0.659	0.0416	"	1.25		52.9	31-116				
Di-n-octyl phthalate	0.668	0.0416	"	1.25		53.6	26-136				
Fluoranthene	0.617	0.0416	"	1.25		49.5	33-122				
Fluorene	0.594	0.0416	"	1.25		47.7	29-123				
Hexachlorobenzene	0.710	0.0416	"	1.25		57.0	21-124				
Hexachlorobutadiene	0.628	0.0416	"	1.25		50.4	10-149				
Hexachlorocyclopentadiene	0.232	0.0416	"	1.25		18.6	10-129				
Hexachloroethane	0.609	0.0416	"	1.25		48.9	28-108				
Indeno(1,2,3-cd)pyrene	0.776	0.0416	"	1.25		62.3	10-135				
Isophorone	0.610	0.0416	"	1.25		49.0	20-132				
Naphthalene	0.608	0.0416	"	1.25		48.8	23-124				
Nitrobenzene	0.692	0.0416	"	1.25		55.5	13-132				
N-Nitrosodimethylamine	0.523	0.0416	"	1.25		41.9	11-129				
N-nitroso-di-n-propylamine	0.525	0.0416	"	1.25		42.1	24-119				
N-Nitrosodiphenylamine	0.621	0.0416	"	1.25		49.8	22-152				
Pentachlorophenol	0.581	0.0416	"	1.25		46.6	10-139				
Phenanthrene	0.612	0.0416	"	1.25		49.1	33-123				
Phenol	0.617	0.0416	"	1.25		49.5	23-115				
Pyrene	0.633	0.0416	"	1.25		50.8	24-130				
Pyridine	0.436	0.166	"	1.25		35.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.23*		"	*1.66*		*73.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*1.66*		*69.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.772*		"	*0.831*		*93.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.641*		"	*0.831*		*77.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.27*		"	*1.66*		*76.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.669*		"	*0.831*		*80.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40889 - EPA 3550C											
Blank (BI40889-BLK1) Blank									Prepared: 09/15/2024 Analyzed: 09/16/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*543*		*"*	*495*		*110*	*39-127.5*				
LCS (BI40889-BS1) LCS									Prepared: 09/15/2024 Analyzed: 09/16/2024		
1,4-Dioxane	489	19.8	ug/kg	495		98.8	40-130				
Surrogate: 1,4-Dioxane-d8	*506*		*"*	*495*		*102*	*39-127.5*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41014 - EPA 1633 Prep											
Blank (BI41014-BLK1) Blank									Prepared: 09/17/2024 Analyzed: 09/18/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.757	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.765	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.797	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.747	"								
HFPO-DA (Gen-X)	ND	0.797	"								
11CL-PF3OUdS	ND	0.753	"								
9CL-PF3ONS	ND	0.745	"								
ADONA	ND	0.753	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.98	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.98	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*1.50*		"	*2.32*		*64.5*	*25-150*				
Surrogate: M5PFHxA	*2.07*		"	*2.49*		*83.2*	*25-150*				
Surrogate: M4PFHpA	*2.35*		"	*2.49*		*94.3*	*25-150*				
Surrogate: M3PFHxS	*2.32*		"	*2.36*		*98.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.52*		"	*2.49*		*101*	*25-150*				
Surrogate: M6PFDA	*1.28*		"	*1.25*		*103*	*25-150*				
Surrogate: M7PFUdA	*1.14*		"	*1.25*		*92.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.951*		"	*1.25*		*76.4*	*25-150*				
Surrogate: M2PFTeDA	*0.792*		"	*1.25*		*63.6*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41014 - EPA 1633 Prep											
Blank (BI41014-BLK1) Blank								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0690*		*ug/kg wet*	*9.96*		*0.692*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.31*		*"*	*2.39*		*97.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.136*		*"*	*4.98*		*2.73*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.67*		*"*	*2.49*		*107*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.22*		*"*	*4.98*		*84.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.83*		*"*	*4.98*		*97.0*	*25-150*				
Surrogate: M2-6:2 FTS	*11.2*		*"*	*4.74*		*236*	*25-200*				
Surrogate: M2-8:2 FTS	*6.38*		*"*	*4.78*		*133*	*25-200*				
Surrogate: M9PFNA	*1.15*		*"*	*1.25*		*92.0*	*25-150*				
Surrogate: M2-4:2 FTS	*10.8*		*"*	*4.67*		*230*	*25-150*				
Surrogate: d-N-MeFOSA	*2.22*		*"*	*2.49*		*89.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.98*		*"*	*2.49*		*79.5*	*25-150*				
Surrogate: M3HFPO-DA	*8.50*		*"*	*9.96*		*85.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.6*		*"*	*24.9*		*42.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.2*		*"*	*24.9*		*40.9*	*25-150*				
LCS (BI41014-BS1) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorobutanesulfonic acid (PFBS)	3.59	0.176	ug/kg wet	3.52		102	50-150				
Perfluorohexanoic acid (PFHxA)	3.67	0.199	"	3.98		92.4	50-150				
Perfluoroheptanoic acid (PFHpA)	4.64	0.199	"	3.98		117	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.44	0.182	"	3.64		94.7	50-150				
Perfluorooctanoic acid (PFOA)	4.15	0.199	"	3.98		104	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.75	0.185	"	3.70		101	50-150				
Perfluorononanoic acid (PFNA)	3.72	0.199	"	3.98		93.6	50-150				
Perfluorodecanoic acid (PFDA)	3.83	0.199	"	3.98		96.3	50-150				
Perfluoroundecanoic acid (PFUnA)	3.61	0.199	"	3.98		90.9	50-150				
Perfluorododecanoic acid (PFDoA)	3.92	0.199	"	3.98		98.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.65	0.199	"	3.98		117	50-150				
Perfluorotetradecanoic acid (PFTA)	4.15	0.199	"	3.98		104	50-150				
N-MeFOSAA	4.44	0.199	"	3.98		112	50-150				
N-EtFOSAA	4.40	0.199	"	3.98		111	50-150				
Perfluoropentanoic acid (PFPeA)	8.42	0.398	"	7.95		106	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.56	0.199	"	3.98		89.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.32	0.199	"	3.80		114	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.69	0.192	"	3.84		70.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.9	0.755	"	15.1		85.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.3	0.763	"	15.3		93.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	10.5	0.795	"	15.9		66.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.35	0.354	"	7.08		118	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.12	0.398	"	7.95		102	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.353	0.398	"	7.95		4.44	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	16.3	0.398	"	7.95		205	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	3.46	0.187	"	3.74		92.5	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.7	0.746	"	14.9		84.9	50-150				
HFPO-DA (Gen-X)	8.48	0.795	"	7.95		107	50-150				
11CL-PF3OUdS	5.81	0.751	"	7.51		77.4	50-150				
9CL-PF3ONS	8.12	0.744	"	7.44		109	50-150				
ADONA	7.54	0.751	"	7.51		100	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41014 - EPA 1633 Prep											
LCS (BI41014-BS1) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.99	0.193	ug/kg wet	3.86		51.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.59	0.191	"	3.82		94.0	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	10.4	0.994	"	15.9		65.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	101	4.97	"	79.5		127	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	106	4.97	"	79.5		134	50-150				
N-MeFOSE	43.9	1.99	"	39.8		110	50-150				
N-MeFOSA	3.97	0.199	"	3.98		99.7	50-150				
N-EtFOSE	40.8	1.99	"	39.8		103	50-150				
N-EtFOSA	4.46	0.199	"	3.98		112	50-150				
Surrogate: M3PFBS	*2.14*		*"*	*2.32*		*92.4*	*25-150*				
Surrogate: M5PFHxA	*3.10*		*"*	*2.49*		*125*	*25-150*				
Surrogate: M4PFHpA	*2.79*		*"*	*2.49*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.32*		*"*	*2.36*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.01*		*"*	*2.49*		*121*	*25-150*				
Surrogate: M6PFDA	*1.38*		*"*	*1.24*		*111*	*25-150*				
Surrogate: M7PFUdA	*1.18*		*"*	*1.24*		*95.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.864*		*"*	*1.24*		*69.5*	*25-150*				
Surrogate: M2PFTeDA	*0.666*		*"*	*1.24*		*53.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.108*		*"*	*9.94*		*1.09*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.66*		*"*	*2.38*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.28*		*"*	*4.97*		*45.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.99*		*"*	*2.49*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.37*		*"*	*4.97*		*108*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.40*		*"*	*4.97*		*109*	*25-150*				
Surrogate: M2-6:2 FTS	*13.0*		*"*	*4.73*		*275*	*25-200*				
Surrogate: M2-8:2 FTS	*7.37*		*"*	*4.77*		*154*	*25-200*				
Surrogate: M9PFNA	*1.34*		*"*	*1.24*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*14.1*		*"*	*4.66*		*301*	*25-150*				
Surrogate: d-N-MeFOSA	*2.29*		*"*	*2.49*		*92.3*	*25-150*				
Surrogate: d-N-EtFOSA	*2.03*		*"*	*2.49*		*81.7*	*25-150*				
Surrogate: M3HFPO-DA	*13.4*		*"*	*9.94*		*135*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.9*		*"*	*24.9*		*52.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.2*		*"*	*24.9*		*49.2*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41014 - EPA 1633 Prep											
LCS (BI41014-BS2) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorobutanesulfonic acid (PFBS)	0.643	0.174	ug/kg wet	0.697		92.2	50-150				
Perfluorohexanoic acid (PFHxA)	0.681	0.197	"	0.787		86.4	50-150				
Perfluoroheptanoic acid (PFHpA)	0.889	0.197	"	0.787		113	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.645	0.180	"	0.720		89.6	50-150				
Perfluorooctanoic acid (PFOA)	0.737	0.197	"	0.787		93.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.701	0.183	"	0.732		95.8	50-150				
Perfluorononanoic acid (PFNA)	0.643	0.197	"	0.787		81.7	50-150				
Perfluorodecanoic acid (PFDA)	0.638	0.197	"	0.787		81.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.685	0.197	"	0.787		87.0	50-150				
Perfluorododecanoic acid (PFDoA)	0.742	0.197	"	0.787		94.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.835	0.197	"	0.787		106	50-150				
Perfluorotetradecanoic acid (PFTA)	0.748	0.197	"	0.787		95.0	50-150				
N-MeFOSAA	0.731	0.197	"	0.787		92.9	50-150				
N-EtFOSAA	0.788	0.197	"	0.787		100	50-150				
Perfluoropentanoic acid (PFPeA)	1.63	0.394	"	1.57		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.642	0.197	"	0.787		81.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.876	0.197	"	0.752		117	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.447	0.190	"	0.760		58.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.43	0.748	"	2.99		81.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.04	0.756	"	3.02		100	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.17	0.787	"	3.15		68.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.75	0.350	"	1.40		125	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.10	0.394	"	1.57		69.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.173	0.394	"	1.57		11.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	4.97	0.394	"	1.57		316	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	0.598	0.185	"	0.740		80.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.51	0.738	"	2.95		85.1	50-150				
HFPO-DA (Gen-X)	1.90	0.787	"	1.57		121	50-150				
11CL-PF3OUdS	1.37	0.744	"	1.49		92.2	50-150				
9CL-PF3ONS	2.12	0.736	"	1.47		144	50-150				
ADONA	2.09	0.744	"	1.49		140	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.385	0.191	"	0.764		50.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.687	0.189	"	0.756		90.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.01	0.984	"	3.15		32.2	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	27.2	4.92	"	15.7		173	50-150	High Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	29.2	4.92	"	15.7		186	50-150	High Bias			
N-MeFOSE	8.00	1.97	"	7.87		102	50-150				
N-MeFOSA	0.776	0.197	"	0.787		98.6	50-150				
N-EtFOSE	8.70	1.97	"	7.87		110	50-150				
N-EtFOSA	0.864	0.197	"	0.787		110	50-150				
Surrogate: M3PFBS	*1.61*		"	*2.29*		*70.1*	*25-150*				
Surrogate: M5PFHxA	*2.09*		"	*2.46*		*84.8*	*25-150*				
Surrogate: M4PFHpA	*2.49*		"	*2.46*		*101*	*25-150*				
Surrogate: M3PFHxS	*2.50*		"	*2.33*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.83*		"	*2.46*		*115*	*25-150*				
Surrogate: M6PFDA	*1.41*		"	*1.23*		*115*	*25-150*				
Surrogate: M7PFUdA	*1.03*		"	*1.23*		*83.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.699*		"	*1.23*		*56.8*	*25-150*				
Surrogate: M2PFTeDA	*0.591*		"	*1.23*		*48.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41014 - EPA 1633 Prep											
LCS (BI41014-BS2) LCS									Prepared: 09/17/2024 Analyzed: 09/18/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0651*		*ug/kg wet*	*9.84*		*0.661*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.46*		*"*	*2.36*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.223*		*"*	*4.92*		*4.53*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.91*		*"*	*2.46*		*118*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.86*		*"*	*4.92*		*98.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.23*		*"*	*4.92*		*106*	*25-150*				
Surrogate: M2-6:2 FTS	*13.0*		*"*	*4.68*		*279*	*25-200*				
Surrogate: M2-8:2 FTS	*6.93*		*"*	*4.72*		*147*	*25-200*				
Surrogate: M9PFNA	*1.23*		*"*	*1.23*		*100*	*25-150*				
Surrogate: M2-4:2 FTS	*12.1*		*"*	*4.62*		*262*	*25-150*				
Surrogate: d-N-MeFOSA	*2.36*		*"*	*2.46*		*96.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.77*		*"*	*2.46*		*71.9*	*25-150*				
Surrogate: M3HFPO-DA	*7.99*		*"*	*9.84*		*81.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.24*		*"*	*24.6*		*33.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*9.02*		*"*	*24.6*		*36.7*	*25-150*				
Batch BI41062 - EPA 1633 Prep											
Blank (BI41062-BLK1) Blank									Prepared: 09/17/2024 Analyzed: 09/18/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
Blank (BI41062-BLK1) Blank									Prepared: 09/17/2024 Analyzed: 09/18/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*27.4*		"	*23.3*		*117*	*25-150*				
Surrogate: M5PFHxA	*32.6*		"	*25.0*		*130*	*25-150*				
Surrogate: M4PFHpA	*33.7*		"	*25.0*		*135*	*25-150*				
Surrogate: M3PFHxS	*31.7*		"	*23.7*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*37.7*		"	*25.0*		*151*	*25-150*				
Surrogate: M6PFDA	*23.4*		"	*12.5*		*187*	*25-150*				
Surrogate: M7PFUdA	*19.8*		"	*12.5*		*158*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.4*		"	*12.5*		*115*	*25-150*				
Surrogate: M2PFTeDA	*13.3*		"	*12.5*		*106*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.98*		"	*100*		*1.98*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*36.2*		"	*23.9*		*151*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*23.4*		"	*50.0*		*46.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*37.0*		"	*25.0*		*148*	*10-150*				
Surrogate: d3-N-MeFOSAA	*67.8*		"	*50.0*		*136*	*25-150*				
Surrogate: d5-N-EtFOSAA	*69.8*		"	*50.0*		*140*	*25-150*				
Surrogate: M2-6:2 FTS	*112*		"	*47.5*		*236*	*25-200*				
Surrogate: M2-8:2 FTS	*79.7*		"	*48.0*		*166*	*25-200*				
Surrogate: M9PFNA	*19.2*		"	*12.5*		*153*	*25-150*				
Surrogate: M2-4:2 FTS	*106*		"	*46.9*		*227*	*25-150*				
Surrogate: d-N-MeFOSA	*42.2*		"	*25.0*		*169*	*25-150*				
Surrogate: d-N-EtFOSA	*36.1*		"	*25.0*		*144*	*25-150*				
Surrogate: M3HFPO-DA	*130*		"	*100*		*130*	*25-150*				
Surrogate: d9-N-EtFOSE	*254*		"	*250*		*102*	*25-150*				
Surrogate: d7-N-MeFOSE	*281*		"	*250*		*113*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
LCS (BI41062-BS1) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorobutanesulfonic acid (PFBS)	32.8	1.77	ng/L	35.4		92.5	50-150				
Perfluorohexanoic acid (PFHxA)	30.7	2.00	"	40.0		76.6	50-150				
Perfluoroheptanoic acid (PFHpA)	38.7	2.00	"	40.0		96.8	50-150				
Perfluorohexanesulfonic acid (PFHxS)	29.8	1.83	"	36.6		81.5	50-150				
Perfluorooctanoic acid (PFOA)	33.3	2.00	"	40.0		83.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	31.0	1.86	"	37.2		83.4	50-150				
Perfluorononanoic acid (PFNA)	31.7	2.00	"	40.0		79.1	50-150				
Perfluorodecanoic acid (PFDA)	34.0	2.00	"	40.0		84.9	50-150				
Perfluoroundecanoic acid (PFUnA)	31.0	2.00	"	40.0		77.5	50-150				
Perfluorododecanoic acid (PFDoA)	36.9	2.00	"	40.0		92.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	35.8	2.00	"	40.0		89.5	50-150				
Perfluorotetradecanoic acid (PFTA)	34.8	2.00	"	40.0		86.9	50-150				
N-MeFOSAA	36.0	2.00	"	40.0		90.0	50-150				
N-EtFOSAA	36.6	2.00	"	40.0		91.5	50-150				
Perfluoropentanoic acid (PFPeA)	71.0	4.00	"	80.0		88.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	32.1	2.00	"	40.0		80.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	33.1	1.91	"	38.2		86.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	26.8	1.93	"	38.6		69.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	134	7.60	"	152		88.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	134	7.68	"	154		87.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	147	8.00	"	160		91.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	68.4	3.56	"	71.2		96.1	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	64.0	4.00	"	80.0		80.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	42.5	4.00	"	80.0		53.1	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	82.1	4.00	"	80.0		103	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	30.7	1.88	"	37.6		81.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	117	7.50	"	150		78.2	50-150				
HFPO-DA (Gen-X)	74.9	8.00	"	80.0		93.7	50-150				
11CL-PF3OUdS	57.3	7.56	"	75.6		75.7	50-150				
9CL-PF3ONS	72.1	7.48	"	74.8		96.4	50-150				
ADONA	66.9	7.56	"	75.6		88.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	18.8	1.94	"	38.8		48.6	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	32.5	1.92	"	38.4		84.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	184	5.00	"	160		115	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	905	25.0	"	800		113	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	955	25.0	"	800		119	50-150				
N-MeFOSE	376	20.0	"	400		93.9	50-150				
N-MeFOSA	33.2	2.00	"	40.0		83.1	50-150				
N-EtFOSE	365	20.0	"	400		91.2	50-150				
N-EtFOSA	37.6	2.00	"	40.0		94.0	50-150				
Surrogate: M3PFBS	*30.0*		"	*23.3*		*129*	*25-150*				
Surrogate: M5PFHxA	*40.3*		"	*25.0*		*161*	*25-150*				
Surrogate: M4PFHpA	*37.3*		"	*25.0*		*149*	*25-150*				
Surrogate: M3PFHxS	*32.5*		"	*23.7*		*137*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*39.0*		"	*25.0*		*156*	*25-150*				
Surrogate: M6PFDA	*18.2*		"	*12.5*		*146*	*25-150*				
Surrogate: M7PFUdA	*16.1*		"	*12.5*		*128*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.2*		"	*12.5*		*113*	*25-150*				
Surrogate: M2PFTeDA	*11.0*		"	*12.5*		*87.9*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
LCS (BI41062-BS1) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*23.5*		*ng/L*	*100*		*23.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*34.6*		*"*	*23.9*		*144*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*64.7*		*"*	*50.0*		*129*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*36.0*		*"*	*25.0*		*144*	*10-150*				
Surrogate: d3-N-MeFOSAA	*64.8*		*"*	*50.0*		*130*	*25-150*				
Surrogate: d5-N-EtFOSAA	*68.1*		*"*	*50.0*		*136*	*25-150*				
Surrogate: M2-6:2 FTS	*128*		*"*	*47.5*		*269*	*25-200*				
Surrogate: M2-8:2 FTS	*93.7*		*"*	*48.0*		*195*	*25-200*				
Surrogate: M9PFNA	*17.3*		*"*	*12.5*		*139*	*25-150*				
Surrogate: M2-4:2 FTS	*127*		*"*	*46.9*		*271*	*25-150*				
Surrogate: d-N-MeFOSA	*31.1*		*"*	*25.0*		*124*	*25-150*				
Surrogate: d-N-EtFOSA	*28.5*		*"*	*25.0*		*114*	*25-150*				
Surrogate: M3HFPO-DA	*169*		*"*	*100*		*169*	*25-150*				
Surrogate: d9-N-EtFOSE	*218*		*"*	*250*		*87.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*230*		*"*	*250*		*92.0*	*25-150*				
LCS (BI41062-BS2) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorobutanesulfonic acid (PFBS)	5.84	1.77	ng/L	7.08		82.4	50-150				
Perfluorohexanoic acid (PFHxA)	6.02	2.00	"	8.00		75.2	50-150				
Perfluoroheptanoic acid (PFHpA)	6.48	2.00	"	8.00		81.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.75	1.83	"	7.32		78.5	50-150				
Perfluorooctanoic acid (PFOA)	7.03	2.00	"	8.00		87.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	5.66	1.86	"	7.44		76.0	50-150				
Perfluorononanoic acid (PFNA)	5.57	2.00	"	8.00		69.7	50-150				
Perfluorodecanoic acid (PFDA)	5.80	2.00	"	8.00		72.5	50-150				
Perfluoroundecanoic acid (PFUnA)	7.04	2.00	"	8.00		88.0	50-150				
Perfluorododecanoic acid (PFDoA)	6.58	2.00	"	8.00		82.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	6.72	2.00	"	8.00		84.0	50-150				
Perfluorotetradecanoic acid (PFTA)	6.54	2.00	"	8.00		81.8	50-150				
N-MeFOSAA	6.97	2.00	"	8.00		87.2	50-150				
N-EtFOSAA	7.18	2.00	"	8.00		89.7	50-150				
Perfluoropentanoic acid (PFPeA)	13.5	4.00	"	16.0		84.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	6.39	2.00	"	8.00		79.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.37	1.91	"	7.64		83.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.15	1.93	"	7.72		66.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	23.7	7.60	"	30.4		77.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	25.4	7.68	"	30.7		82.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	27.2	8.00	"	32.0		84.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	13.5	3.56	"	14.2		95.1	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	13.5	4.00	"	16.0		84.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.30	4.00	"	16.0		14.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	19.5	4.00	"	16.0		122	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	5.71	1.88	"	7.52		75.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	22.0	7.50	"	30.0		73.3	50-150				
HFPO-DA (Gen-X)	14.4	8.00	"	16.0		90.1	50-150				
11CL-PF3OUdS	11.0	7.56	"	15.1		72.6	50-150				
9CL-PF3ONS	13.8	7.48	"	15.0		92.4	50-150				
ADONA	13.6	7.56	"	15.1		89.7	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41062 - EPA 1633 Prep											
LCS (BI41062-BS2) LCS								Prepared: 09/17/2024 Analyzed: 09/18/2024			
Perfluorododecanesulfonic acid (PFDoS)	3.22	1.94	ng/L	7.76		41.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	5.85	1.92	"	7.68		76.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	21.7	5.00	"	32.0		67.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	174	25.0	"	160		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	192	25.0	"	160		120	50-150				
N-MeFOSE	76.8	20.0	"	80.0		96.0	50-150				
N-MeFOSA	7.55	2.00	"	8.00		94.4	50-150				
N-EtFOSE	75.3	20.0	"	80.0		94.2	50-150				
N-EtFOSA	8.14	2.00	"	8.00		102	50-150				
Surrogate: M3PFBS	*28.3*		"	*23.3*		*122*	*25-150*				
Surrogate: M5PFHxA	*32.1*		"	*25.0*		*128*	*25-150*				
Surrogate: M4PFHpA	*31.3*		"	*25.0*		*125*	*25-150*				
Surrogate: M3PFHxS	*31.4*		"	*23.7*		*133*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.9*		"	*25.0*		*128*	*25-150*				
Surrogate: M6PFDA	*19.0*		"	*12.5*		*152*	*25-150*				
Surrogate: M7PFUdA	*13.7*		"	*12.5*		*110*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.6*		"	*12.5*		*101*	*25-150*				
Surrogate: M2PFTeDA	*9.65*		"	*12.5*		*77.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.97*		"	*100*		*2.97*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.7*		"	*23.9*		*132*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*36.0*		"	*50.0*		*72.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.0*		"	*25.0*		*128*	*10-150*				
Surrogate: d3-N-MeFOSAA	*57.8*		"	*50.0*		*116*	*25-150*				
Surrogate: d5-N-EtFOSAA	*61.5*		"	*50.0*		*123*	*25-150*				
Surrogate: M2-6:2 FTS	*120*		"	*47.5*		*252*	*25-200*				
Surrogate: M2-8:2 FTS	*83.0*		"	*48.0*		*173*	*25-200*				
Surrogate: M9PFNA	*17.3*		"	*12.5*		*138*	*25-150*				
Surrogate: M2-4:2 FTS	*116*		"	*46.9*		*247*	*25-150*				
Surrogate: d-N-MeFOSA	*33.2*		"	*25.0*		*133*	*25-150*				
Surrogate: d-N-EtFOSA	*27.3*		"	*25.0*		*109*	*25-150*				
Surrogate: M3HFPO-DA	*137*		"	*100*		*137*	*25-150*				
Surrogate: d9-N-EtFOSE	*175*		"	*250*		*69.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*195*		"	*250*		*77.9*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40810 - EPA 3550C											
Blank (BI40810-BLK1) Blank									Prepared & Analyzed: 09/13/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0509*		*"*	*0.0664*		*76.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0648*		*"*	*0.0664*		*97.6*	*30-150*				
LCS (BI40810-BS1) LCS									Prepared & Analyzed: 09/13/2024		
4,4'-DDD	0.0257	0.00164	mg/kg wet	0.0332		77.3	40-140				
4,4'-DDE	0.0216	0.00164	"	0.0332		65.0	40-140				
4,4'-DDT	0.0258	0.00164	"	0.0332		77.8	40-140				
Aldrin	0.0281	0.00164	"	0.0332		84.7	40-140				
alpha-BHC	0.0297	0.00164	"	0.0332		89.3	40-140				
alpha-Chlordane	0.0294	0.00164	"	0.0332		88.6	40-140				
beta-BHC	0.0343	0.00164	"	0.0332		103	40-140				
delta-BHC	0.0286	0.00164	"	0.0332		86.0	40-140				
Dieldrin	0.0290	0.00164	"	0.0332		87.4	40-140				
Endosulfan I	0.0373	0.00164	"	0.0332		112	40-140				
Endosulfan II	0.0320	0.00164	"	0.0332		96.3	40-140				
Endosulfan sulfate	0.0250	0.00164	"	0.0332		75.1	40-140				
Endrin	0.0306	0.00164	"	0.0332		92.0	40-140				
Endrin aldehyde	0.0333	0.00164	"	0.0332		100	40-140				
Endrin ketone	0.0296	0.00164	"	0.0332		89.2	40-140				
gamma-BHC (Lindane)	0.0298	0.00164	"	0.0332		89.7	40-140				
gamma-Chlordane	0.0297	0.00164	"	0.0332		89.3	40-140				
Heptachlor	0.0299	0.00164	"	0.0332		90.0	40-140				
Heptachlor epoxide	0.0302	0.00164	"	0.0332		91.0	40-140				
Methoxychlor	0.0229	0.00164	"	0.0332		68.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0538*		*"*	*0.0664*		*80.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0679*		*"*	*0.0664*		*102*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40810 - EPA 3550C											
Matrix Spike (BI40810-MS1) Matrix Spike	*Source sample: 24I0618-01 (PE41_21.5)							Prepared & Analyzed: 09/13/2024			
4,4'-DDD	0.0296	0.00191	mg/kg dry	0.0387	ND	76.5	30-150				
4,4'-DDE	0.0273	0.00191	"	0.0387	ND	70.7	30-150				
4,4'-DDT	0.0330	0.00191	"	0.0387	ND	85.4	30-150				
Aldrin	0.0331	0.00191	"	0.0387	ND	85.7	30-150				
alpha-BHC	0.0929	0.00191	"	0.0387	ND	240	30-150	High Bias			
alpha-Chlordane	0.0298	0.00191	"	0.0387	ND	77.2	30-150				
beta-BHC	0.0312	0.00191	"	0.0387	ND	80.6	30-150				
delta-BHC	0.0312	0.00191	"	0.0387	ND	80.8	30-150				
Dieldrin	0.0295	0.00191	"	0.0387	ND	76.3	30-150				
Endosulfan I	0.0307	0.00191	"	0.0387	ND	79.5	30-150				
Endosulfan II	0.0330	0.00191	"	0.0387	ND	85.3	30-150				
Endosulfan sulfate	0.0289	0.00191	"	0.0387	ND	74.8	30-150				
Endrin	0.0313	0.00191	"	0.0387	ND	80.8	30-150				
Endrin aldehyde	0.0325	0.00191	"	0.0387	ND	84.1	30-150				
Endrin ketone	0.0318	0.00191	"	0.0387	ND	82.1	30-150				
gamma-BHC (Lindane)	0.0316	0.00191	"	0.0387	ND	81.7	30-150				
gamma-Chlordane	0.0293	0.00191	"	0.0387	ND	75.7	30-150				
Heptachlor	0.0335	0.00191	"	0.0387	ND	86.6	30-150				
Heptachlor epoxide	0.0308	0.00191	"	0.0387	ND	79.6	30-150				
Methoxychlor	0.0345	0.00191	"	0.0387	ND	89.3	30-150				
Surrogate: Decachlorobiphenyl	*0.0542*		*"*	*0.0773*		*70.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0803*		*"*	*0.0773*		*104*	*30-150*				
Matrix Spike Dup (BI40810-M Matrix Spike Dup	*Source sample: 24I0618-01 (PE41_21.5)							Prepared & Analyzed: 09/13/2024			
4,4'-DDD	0.0345	0.00191	mg/kg dry	0.0387	ND	89.2	30-150		15.4	30	
4,4'-DDE	0.0321	0.00191	"	0.0387	ND	82.9	30-150		15.9	30	
4,4'-DDT	0.0388	0.00191	"	0.0387	ND	100	30-150		16.1	30	
Aldrin	0.0335	0.00191	"	0.0387	ND	86.5	30-150		0.987	30	
alpha-BHC	0.0449	0.00191	"	0.0387	ND	116	30-150		69.8	30	Non-dir.
alpha-Chlordane	0.0338	0.00191	"	0.0387	ND	87.5	30-150		12.5	30	
beta-BHC	0.0379	0.00191	"	0.0387	ND	97.9	30-150		19.3	30	
delta-BHC	0.0358	0.00191	"	0.0387	ND	92.5	30-150		13.6	30	
Dieldrin	0.0340	0.00191	"	0.0387	ND	87.9	30-150		14.2	30	
Endosulfan I	0.0353	0.00191	"	0.0387	ND	91.3	30-150		13.9	30	
Endosulfan II	0.0380	0.00191	"	0.0387	ND	98.2	30-150		14.1	30	
Endosulfan sulfate	0.0309	0.00191	"	0.0387	ND	79.9	30-150		6.56	30	
Endrin	0.0361	0.00191	"	0.0387	ND	93.3	30-150		14.4	30	
Endrin aldehyde	0.0376	0.00191	"	0.0387	ND	97.1	30-150		14.3	30	
Endrin ketone	0.0366	0.00191	"	0.0387	ND	94.7	30-150		14.2	30	
gamma-BHC (Lindane)	0.0370	0.00191	"	0.0387	ND	95.8	30-150		15.8	30	
gamma-Chlordane	0.0337	0.00191	"	0.0387	ND	87.2	30-150		14.1	30	
Heptachlor	0.0361	0.00191	"	0.0387	ND	93.3	30-150		7.47	30	
Heptachlor epoxide	0.0356	0.00191	"	0.0387	ND	92.1	30-150		14.6	30	
Methoxychlor	0.0404	0.00191	"	0.0387	ND	105	30-150		15.8	30	
Surrogate: Decachlorobiphenyl	*0.0610*		*"*	*0.0773*		*78.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0727*		*"*	*0.0773*		*93.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40810 - EPA 3550C											
Blank (BI40810-BLK2) Blank								Prepared & Analyzed: 09/13/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0664*		*"*	*0.0664*		*100*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0538*		*"*	*0.0664*		*81.0*	*30-120*				
LCS (BI40810-BS2) LCS								Prepared & Analyzed: 09/13/2024			
Aroclor 1016	0.292	0.0166	mg/kg wet	0.332		87.8	40-130				
Aroclor 1260	0.308	0.0166	"	0.332		92.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0615*		*"*	*0.0664*		*92.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0502*		*"*	*0.0664*		*75.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40812 - EPA 3550C/8151A											
Blank (BI40812-BLK1) Blank									Prepared: 09/13/2024 Analyzed: 09/14/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.370*		*"*	*0.415*		*89.2*	*21-150*				
LCS (BI40812-BS1) LCS									Prepared: 09/13/2024 Analyzed: 09/14/2024		
2,4,5-T	0.0498	0.0199	mg/kg wet	0.0664		75.0	10-120				
2,4,5-TP (Silvex)	0.0523	0.0199	"	0.0664		78.7	10-120				
2,4-D	0.0482	0.0199	"	0.0664		72.5	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.350*		*"*	*0.415*		*84.4*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40891 - EPA 3050B											
Blank (BI40891-BLK1) Blank									Prepared: 09/15/2024 Analyzed: 09/16/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	4.87	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BI40891-SRM1) Reference									Prepared: 09/15/2024 Analyzed: 09/16/2024		
Aluminum	5910	4.17	mg/kg wet	7680		77.0	35.7-119				
Antimony	76.7	2.08	"	244		31.4	0-99.5				
Arsenic	227	1.25	"	283		80.2	69.9-101.4				
Barium	263	2.08	"	326		80.7	73.9-107.1				
Beryllium	150	0.042	"	175		85.8	75.4-107.4				
Cadmium	80.3	0.250	"	95.8		83.8	72.3-103.7				
Calcium	4700	4.17	"	5470		86.0	79.5-113.2				
Chromium	200	0.417	"	239		83.7	72.4-106.3				
Cobalt	132	0.333	"	150		87.9	76-107.3				
Copper	206	1.67	"	217		94.9	74.7-105.1				
Iron	6550	20.8	"	7360		89.0	53-127.9				
Lead	184	0.417	"	210		87.5	75.7-109.5				
Magnesium	1770	4.17	"	2080		84.9	67.3-111.1				
Manganese	240	0.417	"	290		82.7	73.4-108.3				
Nickel	284	0.830	"	329		86.3	74.5-106.7				
Potassium	1660	4.17	"	2330		71.4	60.9-111.6				
Selenium	254	2.08	"	281		90.3	77.6-116.7				
Silver	74.6	0.420	"	82.7		90.3	73.7-111.7				
Sodium	354	41.7	"	427		82.8	71.2-118.7				
Thallium	106	2.08	"	123		86.5	70.2-104.8				
Vanadium	159	0.830	"	192		82.8	68.8-107.8				
Zinc	215	2.08	"	260		82.6	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40758 - EPA 7473 soil											
Blank (BI40758-BLK1) Blank									Prepared: 09/12/2024 Analyzed: 09/13/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40758-SRM1) Reference									Prepared: 09/12/2024 Analyzed: 09/13/2024		
Mercury	16.962		mg/kg	18.2		93.2	59.9-140.1				
Batch BI40842 - EPA 7473 soil											
Blank (BI40842-BLK1) Blank									Prepared: 09/13/2024 Analyzed: 09/14/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BI40842-SRM1) Reference									Prepared: 09/13/2024 Analyzed: 09/14/2024		
Mercury	18.150		mg/kg	18.2		99.7	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40705 - Analysis Preparation Soil												
Blank (BI40705-BLK1)	Blank									Prepared & Analyzed: 09/12/2024		
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BI40705-SRM1)	Reference									Prepared & Analyzed: 09/12/2024		
Cyanide, total		45.6		ug/mL	59.7		76.3	38.5-161.4				
Batch BI40801 - Analysis Preparation Soil												
Blank (BI40801-BLK1)	Blank									Prepared & Analyzed: 09/13/2024		
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BI40801-SRM1)	Reference									Prepared & Analyzed: 09/13/2024		
Cyanide, total		47.7		ug/mL	59.7		80.0	38.5-161.4				
Batch BI40948 - EPA SW846-3060												
Blank (BI40948-BLK1)	Blank									Prepared & Analyzed: 09/16/2024		
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BI40948-DUP1)	Duplicate	*Source sample: 24I0618-02 (PE42_21.5)								Prepared & Analyzed: 09/16/2024		
Chromium, Hexavalent		ND	0.540	mg/kg dry		ND					35	
Matrix Spike (BI40948-MS1)	Matrix Spike	*Source sample: 24I0618-02 (PE42_21.5)								Prepared & Analyzed: 09/16/2024		
Chromium, Hexavalent		9.21	0.540	mg/kg dry	21.6	ND	42.6	75-125	Low Bias			
Matrix Spike Dup (BI40948-M	Matrix Spike Dup	*Source sample: 24I0618-02 (PE42_21.5)								Prepared & Analyzed: 09/16/2024		
Chromium, Hexavalent		10.1	0.540	mg/kg dry	21.6	ND	46.6	75-125	Low Bias	8.97	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI40948 - EPA SW846-3060											
Reference (BI40948-SRM1) Reference									Prepared & Analyzed: 09/16/2024		
Chromium, Hexavalent	200		mg/L	227		88.2	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I0618-01	PE41_21.5	40mL Vial with Stir Bar-Cool 4° C
24I0618-02	PE42_21.5	40mL Vial with Stir Bar-Cool 4° C
24I0618-03	PE49_22	40mL Vial with Stir Bar-Cool 4° C
24I0618-04	PE50_21.5	40mL Vial with Stir Bar-Cool 4° C
24I0618-05	PE57_22	40mL Vial with Stir Bar-Cool 4° C
24I0618-06	PE58_21.5	40mL Vial with Stir Bar-Cool 4° C
24I0618-07	PE59_20	40mL Vial with Stir Bar-Cool 4° C
24I0618-09	TB_09112024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 2410618

Page 1 of 1

Report To:	Invoice To:
Company: CANGAN	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@cangan.com	E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Turn-Around Time: RUSH - Next Day [ ]; RUSH - Two Day [ ]; RUSH - Three Day [ ]; RUSH - Four Day [ ]; RUSH - Five Day [ ]; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day [ ]

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered [ ] Lab Filtered [ ]

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Grab or Comp.	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pest's/Herbs	PCB's	Cyan tot	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane
PE41-21.5	9/11	1200	S	G/C	3									1	X	X	X	X	X	X	X	X	X
PE42-21.5		1205																					
PE49-22		1210																					
PE50-21.5		1215																					
PE57-22		1220																					
PE58-21.5		1225																					
PE59-20		1230																					
EB-09112024		1400	AQ		2																X		
TB-09112024						2									X								

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / ~~N~~ Containers Intact: ~~Y~~ / N COC/Labels Agree: ~~Y~~ / N Preservation Confirmed: ~~Y~~ / N
COC Complete: ~~Y~~ / N COC Received: ~~Y~~ / N Appropriate Sample Volumes: ~~Y~~ / N Appropriate Sample Containers: ~~Y~~ / N
Cooler Temperature Confirmed: ~~Y~~ / N Samples Submitted within Holding Times: ~~Y~~ / N Corrective Action Form Required: Y / ~~N~~

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Daniel Horvath / CANGAN	09/11/2024 1545	Thomas Stubbs / Yorks	9/11/24 1545	Thomas Stubbs / Yorks	9/11/24 1652
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
YORK	9/11/24 1652 5.1C		9/11/24 1850	Roman Duran	9/11/24 1850
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
Roman Duran	9/11/24 2050			AG	9/11/24 2050 / 1.2 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 09/30/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I1064

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/30/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I1064

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 17, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24I1064-01	PE51_20	Soil	09/17/2024	09/17/2024
24I1064-02	EB_09172024	Water	09/17/2024	09/17/2024
24I1064-03	TB_09172024	Water	09/17/2024	09/17/2024

General Notes for York Project (SDG) No.: 24I1064

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 09/30/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C	09/18/2024 10:00	09/18/2024 14:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.109**		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0941**		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0719**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0726**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0762**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0805**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0899	0.180	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.117**		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.183**		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0675**	J	mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.144**		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.292**		mg/kg dry	0.0451	0.0899	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	09/20/2024 09:38	09/23/2024 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*69.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*90.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*104 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	09/23/2024 08:18	09/24/2024 12:16	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*75.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.190	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0568	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.196	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.202	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.428	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.637	0.814	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.808	0.822	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.857	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.381	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.428	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0664	0.428	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.428	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.637	0.803	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.651	0.857	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.810	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.801	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.810	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.679	1.07	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.35	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.35	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.654	2.14	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.746	2.14	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3	09/20/2024 08:12	09/24/2024 03:51	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*125 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*131 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*143 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*100 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*86.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.93 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*150 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*76.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*140 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*185 %*	PFSu-H	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*216 %*	PFSu-H	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*433 %*	PFSu-H	*25-200*

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*343 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*103 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*591 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*98.0 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*130 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*36.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*43.0 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	09/22/2024 07:26	09/23/2024 12:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	09/22/2024 07:26	09/22/2024 20:07	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0212	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0212	1	EPA 8151A	09/22/2024 07:24	09/23/2024 15:43	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*82.0 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5510**		mg/kg dry	4.51	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.25	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.44**		mg/kg dry	1.35	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**55.4**		mg/kg dry	2.25	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.171**		mg/kg dry	0.045	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.270**		mg/kg dry	0.270	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2700**		mg/kg dry	4.51	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.8**		mg/kg dry	0.451	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.19**		mg/kg dry	0.360	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**23.6**		mg/kg dry	1.80	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15800**		mg/kg dry	22.5	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**65.9**		mg/kg dry	0.451	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2240**		mg/kg dry	4.51	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**196**		mg/kg dry	0.451	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**20.2**		mg/kg dry	0.898	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**427**		mg/kg dry	4.51	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.454	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**113**		mg/kg dry	45.1	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.9**		mg/kg dry	0.898	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**79.0**		mg/kg dry	2.24	1	EPA 6010D	09/19/2024 14:43	09/23/2024 10:46	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0633**		mg/kg dry	0.0324	1	EPA 7473	09/19/2024 14:48	09/20/2024 15:12	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.541	1	EPA 7196A	09/18/2024 14:37	09/19/2024 22:37	ZTS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.8**		mg/kg	0.500	1	Calculation	09/23/2024 11:22	09/23/2024 18:13	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.541	1	EPA 9014/9010C	09/18/2024 07:45	09/18/2024 15:11	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE51_20 **York Sample ID:** 24I1064-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Soil	September 17, 2024 12:00 pm	09/17/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.5**		%	0.100	1	SM 2540G	09/18/2024 08:09	09/18/2024 12:28	JAMT
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: EB_09172024 **York Sample ID:** 24I1064-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Water	September 17, 2024 2:00 pm	09/17/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.457	1.72	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.340	1.95	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.691	1.95	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.661	1.78	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.409	1.95	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.798	1.81	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.506	1.95	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.730	1.95	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.95	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.856	1.95	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.720	1.95	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.671	1.95	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.768	1.95	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	1.00	1.95	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.224	3.89	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.856	1.95	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.885	1.86	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.28	1.88	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.03	7.39	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.99	7.47	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.321	7.78	1	EPA 1633 Draft 3	09/24/2024 18:47	09/26/2024 17:04	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: EB_09172024 **York Sample ID:** 24I1064-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Water	September 17, 2024 2:00 pm	09/17/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.486	3.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/24/2024 18:47	09/26/2024 17:04	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.08	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/24/2024 18:47	09/26/2024 17:04	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.243	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/24/2024 18:47	09/26/2024 17:04	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.360	3.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/24/2024 18:47	09/26/2024 17:04	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.739	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/24/2024 18:47	09/26/2024 17:04	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.74	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/24/2024 18:47	09/26/2024 17:04	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.14	7.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/24/2024 18:47	09/26/2024 17:04	AM
763051-92-9	11CL-PF3OUdS	ND	PF-CCV-L	ng/L	1.34	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/24/2024 18:47	09/26/2024 17:04	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.681	7.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/24/2024 18:47	09/26/2024 17:04	AM
919005-14-4	ADONA	ND		ng/L	0.516	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/24/2024 18:47	09/26/2024 17:04	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-CCV-L	ng/L	0.905	1.89	1	EPA 1633 Draft 3 Certifications:	09/24/2024 18:47	09/26/2024 17:04	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.837	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/24/2024 18:47	09/26/2024 17:04	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.97	4.86	1	EPA 1633 Draft 3 Certifications:	09/24/2024 18:47	09/26/2024 17:04	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.13	24.3	1	EPA 1633 Draft 3 Certifications:	09/24/2024 18:47	09/26/2024 17:04	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.21	24.3	1	EPA 1633 Draft 3 Certifications:	09/24/2024 18:47	09/26/2024 17:04	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.88	19.5	1	EPA 1633 Draft 3 Certifications:	09/24/2024 18:47	09/26/2024 17:04	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.54	1.95	1	EPA 1633 Draft 3 Certifications:	09/24/2024 18:47	09/26/2024 17:04	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.88	19.5	1	EPA 1633 Draft 3 Certifications:	09/24/2024 18:47	09/26/2024 17:04	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.75	1.95	1	EPA 1633 Draft 3 Certifications:	09/24/2024 18:47	09/26/2024 17:04	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*62.6 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*92.8 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*	*25-150*

Sample Information

Client Sample ID: EB_09172024 **York Sample ID:** 24I1064-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Water	September 17, 2024 2:00 pm	09/17/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*139 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*147 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*122 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*108 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*86.0 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*0.733 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*143 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*14.5 %*	PFSu-L		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*127 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*153 %*	PFSu-H		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*162 %*	PFSu-H		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*456 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*235 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*120 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*448 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*137 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*103 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*118 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*49.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*52.1 %*			*25-150*						

Sample Information

Client Sample ID: TB_09172024 **York Sample ID:** 24I1064-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Water	September 17, 2024 2:00 pm	09/17/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09172024 **York Sample ID:** 24I1064-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Water	September 17, 2024 2:00 pm	09/17/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**2.71**	CCVE	ug/L	0.422	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09172024 **York Sample ID:** 24I1064-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Water	September 17, 2024 2:00 pm	09/17/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	ug/L	0.146	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE, QL-02	ug/L	0.608	1.00	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_09172024 **York Sample ID:** 24I1064-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1064	100688801	Water	September 17, 2024 2:00 pm	09/17/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE	ug/L	0.229	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/18/2024 10:00	09/18/2024 14:28	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.7 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*70-130*

Analytical Batch Summary

Batch ID: BI41082 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/18/24
BI41082-BLK1	Blank	09/18/24
BI41082-DUP1	Duplicate	09/18/24
BI41082-MS1	Matrix Spike	09/18/24
BI41082-MSD1	Matrix Spike Dup	09/18/24
BI41082-SRM1	Reference	09/18/24

Batch ID: BI41088 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/18/24
BI41088-DUP1	Duplicate	09/18/24

Batch ID: BI41142 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/18/24
BI41142-BLK1	Blank	09/18/24
BI41142-DUP1	Duplicate	09/18/24
BI41142-MS1	Matrix Spike	09/18/24
BI41142-MSD1	Matrix Spike Dup	09/18/24
BI41142-SRM1	Reference	09/18/24

Batch ID: BI41153 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-03	TB_09172024	09/18/24
BI41153-BLK1	Blank	09/18/24
BI41153-BS1	LCS	09/18/24
BI41153-BSD1	LCS Dup	09/18/24

Batch ID: BI41155 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/18/24
BI41155-BLK1	Blank	09/18/24
BI41155-BS1	LCS	09/18/24
BI41155-BSD1	LCS Dup	09/18/24
BI41155-MS1	Matrix Spike	09/18/24
BI41155-MSD1	Matrix Spike Dup	09/18/24

Batch ID: BI41243 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/19/24
BI41243-BLK1	Blank	09/19/24
BI41243-DUP1	Duplicate	09/19/24
BI41243-MS1	Matrix Spike	09/19/24
BI41243-PS1	Post Spike	09/19/24
BI41243-SRM1	Reference	09/19/24

Batch ID: BI41244 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/19/24
BI41244-BLK1	Blank	09/19/24
BI41244-DUP1	Duplicate	09/19/24
BI41244-MS1	Matrix Spike	09/19/24
BI41244-SRM1	Reference	09/19/24

Batch ID: BI41273 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/20/24
BI41273-BLK1	Blank	09/20/24
BI41273-BS1	LCS	09/20/24
BI41273-BS2	LCS	09/20/24
BI41273-MS1	Matrix Spike	09/20/24
BI41273-MSD1	Matrix Spike Dup	09/20/24

Batch ID: BI41292 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/20/24
BI41292-BLK1	Blank	09/20/24
BI41292-BS1	LCS	09/20/24
BI41292-MS2	Matrix Spike	09/20/24
BI41292-MSD2	Matrix Spike Dup	09/20/24

Batch ID: BI41336 **Preparation Method:** EPA 3550C/8151A **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/22/24
BI41336-BLK1	Blank	09/22/24
BI41336-BS1	LCS	09/22/24
BI41336-MS1	Matrix Spike	09/22/24
BI41336-MSD1	Matrix Spike Dup	09/22/24

Batch ID: BI41337 **Preparation Method:** EPA 3545A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/22/24
24I1064-01	PE51_20	09/22/24
BI41337-BLK1	Blank	09/22/24
BI41337-BLK2	Blank	09/22/24
BI41337-BS1	LCS	09/22/24
BI41337-BS2	LCS	09/22/24
BI41337-MS1	Matrix Spike	09/22/24
BI41337-MS2	Matrix Spike	09/22/24
BI41337-MSD1	Matrix Spike Dup	09/22/24
BI41337-MSD2	Matrix Spike Dup	09/22/24

Batch ID: BI41376 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/23/24
BI41376-BLK1	Blank	09/23/24
BI41376-BS1	LCS	09/23/24
BI41376-MS1	Matrix Spike	09/23/24
BI41376-MSD1	Matrix Spike Dup	09/23/24

Batch ID: BI41405 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-01	PE51_20	09/23/24

Batch ID: BI41554 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
24I1064-02	EB_09172024	09/24/24
BI41554-BLK1	Blank	09/24/24
BI41554-BS1	LCS	09/24/24
BI41554-BS2	LCS	09/24/24
BI41554-DUP1	Duplicate	09/24/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41153 - EPA 5030B											
Blank (BI41153-BLK1) Blank									Prepared & Analyzed: 09/18/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41153 - EPA 5030B											
Blank (BI41153-BLK1) Blank								Prepared & Analyzed: 09/18/2024			
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.30*		*"*	*10.0*		*93.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*70-130*				
LCS (BI41153-BS1) LCS								Prepared & Analyzed: 09/18/2024			
1,1,1,2-Tetrachloroethane	8.89		ug/L	10.0		88.9	82-126			30	
1,1,1-Trichloroethane	9.91		"	10.0		99.1	70-130			20	
1,1,2,2-Tetrachloroethane	9.66		"	10.0		96.6	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	70-130			20	
1,1,2-Trichloroethane	9.12		"	10.0		91.2	70-130			20	
1,1-Dichloroethane	10.0		"	10.0		100	70-130			20	
1,1-Dichloroethylene	10.8		"	10.0		108	70-130			20	
1,1-Dichloropropylene	10.7		"	10.0		107	83-133			30	
1,2,3-Trichlorobenzene	12.5		"	10.0		125	70-130			20	
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128			30	
1,2,4-Trichlorobenzene	9.11		"	10.0		91.1	70-130			20	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132			20	
1,2-Dibromo-3-chloropropane	9.82		"	10.0		98.2	40-160			20	
1,2-Dibromoethane	8.78		"	10.0		87.8	70-130			20	
1,2-Dichlorobenzene	9.67		"	10.0		96.7	70-130			20	
1,2-Dichloroethane	10.0		"	10.0		100	70-130			20	
1,2-Dichloropropane	9.82		"	10.0		98.2	70-130			20	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131			30	
1,3-Dichlorobenzene	9.79		"	10.0		97.9	70-130			20	
1,3-Dichloropropane	9.37		"	10.0		93.7	81-125			30	
1,4-Dichlorobenzene	9.53		"	10.0		95.3	70-130			20	
1,4-Dioxane	140		"	210		66.6	40-160			20	
2,2-Dichloropropane	10.1		"	10.0		101	56-150			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41153 - EPA 5030B											
LCS (BI41153-BS1) LCS							Prepared & Analyzed: 09/18/2024				
2-Butanone	10.5		ug/L	10.0		105	40-160			20	
2-Chlorotoluene	10.4		"	10.0		104	79-130			30	
2-Hexanone	8.25		"	10.0		82.5	40-160			20	
4-Chlorotoluene	10.6		"	10.0		106	79-128			30	
4-Methyl-2-pentanone	7.42		"	10.0		74.2	40-160			20	
Acetone	9.70		"	10.0		97.0	40-160			20	
Acrolein	3.99		"	10.0		39.9	10-153			30	
Acrylonitrile	8.57		"	10.0		85.7	51-150			30	
Benzene	10.6		"	10.0		106	70-130			20	
Bromobenzene	10.2		"	10.0		102	78-129			30	
Bromochloromethane	9.70		"	10.0		97.0	70-130			20	
Bromodichloromethane	9.26		"	10.0		92.6	70-130			20	
Bromoform	7.45		"	10.0		74.5	70-130			20	
Bromomethane	10.4		"	10.0		104	40-160			20	
Carbon disulfide	9.99		"	10.0		99.9	40-160			20	
Carbon tetrachloride	10.1		"	10.0		101	70-130			20	
Chlorobenzene	9.49		"	10.0		94.9	70-130			20	
Chloroethane	9.56		"	10.0		95.6	40-160			20	
Chloroform	10.1		"	10.0		101	70-130			20	
Chloromethane	9.09		"	10.0		90.9	40-160			20	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	70-130			20	
cis-1,3-Dichloropropylene	8.56		"	10.0		85.6	70-130			20	
Cyclohexane	10.1		"	10.0		101	70-130			20	
Dibromochloromethane	8.38		"	10.0		83.8	70-130			20	
Dibromomethane	9.00		"	10.0		90.0	72-134			30	
Dichlorodifluoromethane	8.07		"	10.0		80.7	40-160			20	
Ethyl Benzene	10.1		"	10.0		101	70-130			20	
Hexachlorobutadiene	7.89		"	10.0		78.9	67-146			30	
Isopropylbenzene	11.1		"	10.0		111	70-130			20	
Methyl acetate	8.33		"	10.0		83.3	70-130			20	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	70-130			20	
Methylcyclohexane	9.86		"	10.0		98.6	70-130			20	
Methylene chloride	10.1		"	10.0		101	70-130			20	
n-Butylbenzene	10.8		"	10.0		108	79-132			30	
n-Propylbenzene	11.0		"	10.0		110	78-133			30	
o-Xylene	9.61		"	10.0		96.1	70-130			20	
p- & m- Xylenes	20.0		"	20.0		100	70-130			20	
p-Isopropyltoluene	11.3		"	10.0		113	81-136			30	
sec-Butylbenzene	11.0		"	10.0		110	79-137			30	
Styrene	9.49		"	10.0		94.9	70-130			20	
tert-Butyl alcohol (TBA)	6.55		"	50.0		13.1	25-162	Low Bias		30	
tert-Butylbenzene	9.83		"	10.0		98.3	77-138			30	
Tetrachloroethylene	9.31		"	10.0		93.1	70-130			20	
Toluene	10.1		"	10.0		101	70-130			20	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130			20	
trans-1,3-Dichloropropylene	8.07		"	10.0		80.7	70-130			20	
Trichloroethylene	9.74		"	10.0		97.4	70-130			20	
Trichlorofluoromethane	9.79		"	10.0		97.9	40-160			20	
Vinyl Chloride	9.61		"	10.0		96.1	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.67*		*"*	*10.0*		*96.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41153 - EPA 5030B											
LCS (BI41153-BS1) LCS								Prepared & Analyzed: 09/18/2024			
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*ug/L*	*10.0*		*107*	*70-130*				
LCS Dup (BI41153-BSD1) LCS Dup								Prepared & Analyzed: 09/18/2024			
1,1,1,2-Tetrachloroethane	8.96		ug/L	10.0		89.6	82-126		0.784	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	70-130		1.00	20	
1,1,2,2-Tetrachloroethane	9.68		"	10.0		96.8	70-130		0.207	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-130		2.27	20	
1,1,2-Trichloroethane	9.14		"	10.0		91.4	70-130		0.219	20	
1,1-Dichloroethane	10.1		"	10.0		101	70-130		0.993	20	
1,1-Dichloroethylene	10.7		"	10.0		107	70-130		1.12	20	
1,1-Dichloropropylene	10.6		"	10.0		106	83-133		1.22	30	
1,2,3-Trichlorobenzene	13.2		"	10.0		132	70-130	High Bias	5.36	20	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		2.02	30	
1,2,4-Trichlorobenzene	9.72		"	10.0		97.2	70-130		6.48	20	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		0.192	20	
1,2-Dibromo-3-chloropropane	8.80		"	10.0		88.0	40-160		11.0	20	
1,2-Dibromoethane	9.15		"	10.0		91.5	70-130		4.13	20	
1,2-Dichlorobenzene	9.59		"	10.0		95.9	70-130		0.831	20	
1,2-Dichloroethane	9.83		"	10.0		98.3	70-130		1.91	20	
1,2-Dichloropropane	9.95		"	10.0		99.5	70-130		1.32	20	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		0.0924	30	
1,3-Dichlorobenzene	9.89		"	10.0		98.9	70-130		1.02	20	
1,3-Dichloropropane	9.31		"	10.0		93.1	81-125		0.642	30	
1,4-Dichlorobenzene	9.65		"	10.0		96.5	70-130		1.25	20	
1,4-Dioxane	152		"	210		72.2	40-160		7.98	20	
2,2-Dichloropropane	9.94		"	10.0		99.4	56-150		1.40	30	
2-Butanone	10.2		"	10.0		102	40-160		3.49	20	
2-Chlorotoluene	10.4		"	10.0		104	79-130		0.0957	30	
2-Hexanone	8.03		"	10.0		80.3	40-160		2.70	20	
4-Chlorotoluene	10.6		"	10.0		106	79-128		0.567	30	
4-Methyl-2-pentanone	7.24		"	10.0		72.4	40-160		2.46	20	
Acetone	8.49		"	10.0		84.9	40-160		13.3	20	
Acrolein	4.12		"	10.0		41.2	10-153		3.21	30	
Acrylonitrile	8.80		"	10.0		88.0	51-150		2.65	30	
Benzene	10.7		"	10.0		107	70-130		1.13	20	
Bromobenzene	10.2		"	10.0		102	78-129		0.784	30	
Bromochloromethane	9.58		"	10.0		95.8	70-130		1.24	20	
Bromodichloromethane	9.22		"	10.0		92.2	70-130		0.433	20	
Bromoform	7.60		"	10.0		76.0	70-130		1.99	20	
Bromomethane	10.6		"	10.0		106	40-160		1.71	20	
Carbon disulfide	9.86		"	10.0		98.6	40-160		1.31	20	
Carbon tetrachloride	9.98		"	10.0		99.8	70-130		1.20	20	
Chlorobenzene	9.53		"	10.0		95.3	70-130		0.421	20	
Chloroethane	9.54		"	10.0		95.4	40-160		0.209	20	
Chloroform	10.2		"	10.0		102	70-130		0.592	20	
Chloromethane	8.96		"	10.0		89.6	40-160		1.44	20	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	70-130		1.57	20	
cis-1,3-Dichloropropylene	8.58		"	10.0		85.8	70-130		0.233	20	
Cyclohexane	9.91		"	10.0		99.1	70-130		2.00	20	
Dibromochloromethane	8.14		"	10.0		81.4	70-130		2.91	20	
Dibromomethane	9.00		"	10.0		90.0	72-134		0.00	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41153 - EPA 5030B											
LCS Dup (BI41153-BSD1) LCS Dup								Prepared & Analyzed: 09/18/2024			
Dichlorodifluoromethane	7.57		ug/L	10.0		75.7	40-160		6.39	20	
Ethyl Benzene	10.3		"	10.0		103	70-130		1.37	20	
Hexachlorobutadiene	9.16		"	10.0		91.6	67-146		14.9	30	
Isopropylbenzene	11.0		"	10.0		110	70-130		0.181	20	
Methyl acetate	8.31		"	10.0		83.1	70-130		0.240	20	
Methyl tert-butyl ether (MTBE)	9.84		"	10.0		98.4	70-130		3.98	20	
Methylcyclohexane	9.85		"	10.0		98.5	70-130		0.101	20	
Methylene chloride	9.91		"	10.0		99.1	70-130		1.60	20	
n-Butylbenzene	10.7		"	10.0		107	79-132		0.186	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		1.17	30	
o-Xylene	9.74		"	10.0		97.4	70-130		1.34	20	
p- & m- Xylenes	20.2		"	20.0		101	70-130		0.647	20	
p-Isopropyltoluene	11.3		"	10.0		113	81-136		0.354	30	
sec-Butylbenzene	11.0		"	10.0		110	79-137		0.0910	30	
Styrene	9.55		"	10.0		95.5	70-130		0.630	20	
tert-Butyl alcohol (TBA)	6.63		"	50.0		13.3	25-162	Low Bias	1.21	30	
tert-Butylbenzene	9.81		"	10.0		98.1	77-138		0.204	30	
Tetrachloroethylene	9.41		"	10.0		94.1	70-130		1.07	20	
Toluene	10.0		"	10.0		100	70-130		0.497	20	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	70-130		1.48	20	
trans-1,3-Dichloropropylene	7.99		"	10.0		79.9	70-130		0.996	20	
Trichloroethylene	9.84		"	10.0		98.4	70-130		1.02	20	
Trichlorofluoromethane	9.49		"	10.0		94.9	40-160		3.11	20	
Vinyl Chloride	9.50		"	10.0		95.0	70-130		1.15	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.49*		*"*	*10.0*		*94.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
Blank (BI41155-BLK1) Blank									Prepared & Analyzed: 09/18/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
Blank (BI41155-BLK1) Blank								Prepared & Analyzed: 09/18/2024			
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				
LCS (BI41155-BS1) LCS								Prepared & Analyzed: 09/18/2024			
1,1,1,2-Tetrachloroethane	50.0		ug/L	50.0		100	75-129			30	
1,1,1-Trichloroethane	46.5		"	50.0		93.1	70-130			30	
1,1,2,2-Tetrachloroethane	50.9		"	50.0		102	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.4		"	50.0		94.8	70-130			30	
1,1,2-Trichloroethane	46.1		"	50.0		92.2	70-130			30	
1,1-Dichloroethane	47.8		"	50.0		95.5	70-130			30	
1,1-Dichloroethylene	49.4		"	50.0		98.7	70-130			30	
1,1-Dichloropropylene	48.2		"	50.0		96.3	77-127			30	
1,2,3-Trichlorobenzene	51.0		"	50.0		102	70-130			30	
1,2,3-Trichloropropane	50.8		"	50.0		102	81-126			30	
1,2,4-Trichlorobenzene	54.4		"	50.0		109	70-130			30	
1,2,4-Trimethylbenzene	51.4		"	50.0		103	84-125			30	
1,2-Dibromo-3-chloropropane	53.0		"	50.0		106	40-160			30	
1,2-Dibromoethane	47.0		"	50.0		94.0	70-130			30	
1,2-Dichlorobenzene	47.7		"	50.0		95.4	70-130			30	
1,2-Dichloroethane	49.0		"	50.0		98.1	70-130			30	
1,2-Dichloropropane	49.1		"	50.0		98.2	70-130			30	
1,3,5-Trimethylbenzene	46.7		"	50.0		93.4	82-126			30	
1,3-Dichlorobenzene	48.3		"	50.0		96.7	70-130			30	
1,3-Dichloropropane	48.4		"	50.0		96.7	83-123			30	
1,4-Dichlorobenzene	49.2		"	50.0		98.3	70-130			30	
1,4-Dioxane	863		"	1050		82.2	40-160			30	
2,2-Dichloropropane	54.7		"	50.0		109	67-136			30	
2-Butanone	47.9		"	50.0		95.7	40-160			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
LCS (BI41155-BS1) LCS							Prepared & Analyzed: 09/18/2024				
2-Chlorotoluene	48.6		ug/L	50.0		97.3	78-127			30	
2-Hexanone	51.1		"	50.0		102	40-160			30	
4-Chlorotoluene	49.9		"	50.0		99.7	79-125			30	
4-Methyl-2-pentanone	38.6		"	50.0		77.1	40-160			30	
Acetone	32.1		"	50.0		64.1	40-160			30	
Acrolein	11.4		"	50.0		22.8	10-238			30	
Acrylonitrile	52.7		"	50.0		105	66-141			30	
Benzene	47.7		"	50.0		95.3	70-130			30	
Bromobenzene	50.7		"	50.0		101	77-129			30	
Bromochloromethane	48.3		"	50.0		96.6	70-130			30	
Bromodichloromethane	48.4		"	50.0		96.7	70-130			30	
Bromoform	51.7		"	50.0		103	70-130			30	
Bromomethane	41.9		"	50.0		83.7	40-160			30	
Carbon disulfide	48.1		"	50.0		96.2	40-160			30	
Carbon tetrachloride	46.9		"	50.0		93.8	70-130			30	
Chlorobenzene	47.2		"	50.0		94.5	70-130			30	
Chloroethane	41.9		"	50.0		83.7	51-142			30	
Chloroform	47.1		"	50.0		94.3	70-130			30	
Chloromethane	36.4		"	50.0		72.8	49-132			30	
cis-1,2-Dichloroethylene	48.3		"	50.0		96.6	70-130			30	
cis-1,3-Dichloropropylene	51.1		"	50.0		102	70-130			30	
Cyclohexane	49.6		"	50.0		99.2	70-130			30	
Dibromochloromethane	44.9		"	50.0		89.9	70-130			30	
Dibromomethane	46.0		"	50.0		92.0	83-124			30	
Dichlorodifluoromethane	27.5		"	50.0		55.0	40-160			30	
Ethyl Benzene	48.9		"	50.0		97.7	70-130			30	
Hexachlorobutadiene	52.3		"	50.0		105	83-133			30	
Isopropylbenzene	50.5		"	50.0		101	70-130			30	
Methyl acetate	46.5		"	50.0		93.1	70-130			30	
Methyl tert-butyl ether (MTBE)	49.0		"	50.0		98.0	70-130			30	
Methylcyclohexane	46.4		"	50.0		92.8	70-130			30	
Methylene chloride	47.7		"	50.0		95.4	70-130			30	
n-Butylbenzene	51.7		"	50.0		103	80-130			30	
n-Propylbenzene	50.4		"	50.0		101	74-136			30	
o-Xylene	48.6		"	50.0		97.1	70-130			30	
p- & m- Xylenes	94.7		"	100		94.7	70-130			30	
p-Isopropyltoluene	53.2		"	50.0		106	85-125			30	
sec-Butylbenzene	51.3		"	50.0		103	83-125			30	
Styrene	51.0		"	50.0		102	70-130			30	
tert-Butyl alcohol (TBA)	300		"	250		120	70-130			30	
tert-Butylbenzene	44.9		"	50.0		89.8	80-127			30	
Tetrachloroethylene	43.4		"	50.0		86.8	70-130			30	
Toluene	47.9		"	50.0		95.8	70-130			30	
trans-1,2-Dichloroethylene	49.0		"	50.0		98.0	70-130			30	
trans-1,3-Dichloropropylene	52.4		"	50.0		105	70-130			30	
Trichloroethylene	48.2		"	50.0		96.4	70-130			30	
Trichlorofluoromethane	42.4		"	50.0		84.7	40-160			30	
Vinyl Chloride	38.4		"	50.0		76.9	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.8*		*"*	*50.0*		*95.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.3*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
LCS (BI41155-BS1) LCS								Prepared & Analyzed: 09/18/2024			
LCS Dup (BI41155-BSD1) LCS Dup								Prepared & Analyzed: 09/18/2024			
1,1,1,2-Tetrachloroethane	50.2		ug/L	50.0		100	75-129		0.419	30	
1,1,1-Trichloroethane	49.7		"	50.0		99.3	70-130		6.49	30	
1,1,2,2-Tetrachloroethane	49.4		"	50.0		98.8	70-130		2.93	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0		"	50.0		100	70-130		5.40	30	
1,1,2-Trichloroethane	49.1		"	50.0		98.2	70-130		6.30	30	
1,1-Dichloroethane	49.0		"	50.0		98.0	70-130		2.54	30	
1,1-Dichloroethylene	53.9		"	50.0		108	70-130		8.72	30	
1,1-Dichloropropylene	51.0		"	50.0		102	77-127		5.65	30	
1,2,3-Trichlorobenzene	52.9		"	50.0		106	70-130		3.63	30	
1,2,3-Trichloropropane	47.7		"	50.0		95.5	81-126		6.23	30	
1,2,4-Trichlorobenzene	54.0		"	50.0		108	70-130		0.867	30	
1,2,4-Trimethylbenzene	50.6		"	50.0		101	84-125		1.69	30	
1,2-Dibromo-3-chloropropane	51.4		"	50.0		103	40-160		3.16	30	
1,2-Dibromoethane	48.7		"	50.0		97.5	70-130		3.61	30	
1,2-Dichlorobenzene	47.6		"	50.0		95.3	70-130		0.147	30	
1,2-Dichloroethane	52.0		"	50.0		104	70-130		5.88	30	
1,2-Dichloropropane	49.8		"	50.0		99.6	70-130		1.40	30	
1,3,5-Trimethylbenzene	48.9		"	50.0		97.9	82-126		4.73	30	
1,3-Dichlorobenzene	47.6		"	50.0		95.1	70-130		1.63	30	
1,3-Dichloropropane	50.1		"	50.0		100	83-123		3.60	30	
1,4-Dichlorobenzene	47.1		"	50.0		94.1	70-130		4.36	30	
1,4-Dioxane	886		"	1050		84.4	40-160		2.66	30	
2,2-Dichloropropane	58.0		"	50.0		116	67-136		6.00	30	
2-Butanone	49.4		"	50.0		98.8	40-160		3.19	30	
2-Chlorotoluene	50.4		"	50.0		101	78-127		3.53	30	
2-Hexanone	51.2		"	50.0		102	40-160		0.176	30	
4-Chlorotoluene	49.6		"	50.0		99.2	79-125		0.563	30	
4-Methyl-2-pentanone	39.2		"	50.0		78.4	40-160		1.72	30	
Acetone	32.2		"	50.0		64.4	40-160		0.436	30	
Acrolein	12.3		"	50.0		24.7	10-238		8.01	30	
Acrylonitrile	52.9		"	50.0		106	66-141		0.322	30	
Benzene	52.2		"	50.0		104	70-130		9.05	30	
Bromobenzene	51.5		"	50.0		103	77-129		1.66	30	
Bromochloromethane	51.5		"	50.0		103	70-130		6.41	30	
Bromodichloromethane	50.5		"	50.0		101	70-130		4.29	30	
Bromoform	51.2		"	50.0		102	70-130		0.913	30	
Bromomethane	46.7		"	50.0		93.4	40-160		11.0	30	
Carbon disulfide	50.2		"	50.0		100	40-160		4.39	30	
Carbon tetrachloride	51.2		"	50.0		102	70-130		8.75	30	
Chlorobenzene	49.4		"	50.0		98.8	70-130		4.51	30	
Chloroethane	43.1		"	50.0		86.2	51-142		2.90	30	
Chloroform	50.8		"	50.0		102	70-130		7.55	30	
Chloromethane	36.9		"	50.0		73.8	49-132		1.39	30	
cis-1,2-Dichloroethylene	52.4		"	50.0		105	70-130		8.07	30	
cis-1,3-Dichloropropylene	50.8		"	50.0		102	70-130		0.609	30	
Cyclohexane	51.8		"	50.0		104	70-130		4.48	30	
Dibromochloromethane	48.9		"	50.0		97.7	70-130		8.38	30	
Dibromomethane	47.0		"	50.0		93.9	83-124		2.13	30	
Dichlorodifluoromethane	27.2		"	50.0		54.4	40-160		1.17	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
LCS Dup (BI41155-BSD1) LCS Dup								Prepared & Analyzed: 09/18/2024			
Ethyl Benzene	49.2		ug/L	50.0		98.4	70-130		0.714	30	
Hexachlorobutadiene	52.2		"	50.0		104	83-133		0.287	30	
Isopropylbenzene	50.3		"	50.0		101	70-130		0.476	30	
Methyl acetate	48.9		"	50.0		97.7	70-130		4.88	30	
Methyl tert-butyl ether (MTBE)	55.0		"	50.0		110	70-130		11.6	30	
Methylcyclohexane	45.7		"	50.0		91.4	70-130		1.52	30	
Methylene chloride	50.6		"	50.0		101	70-130		5.98	30	
n-Butylbenzene	50.6		"	50.0		101	80-130		2.23	30	
n-Propylbenzene	51.0		"	50.0		102	74-136		1.14	30	
o-Xylene	47.9		"	50.0		95.7	70-130		1.45	30	
p- & m- Xylenes	96.5		"	100		96.5	70-130		1.88	30	
p-Isopropyltoluene	51.9		"	50.0		104	85-125		2.64	30	
sec-Butylbenzene	50.8		"	50.0		102	83-125		0.842	30	
Styrene	51.4		"	50.0		103	70-130		0.821	30	
tert-Butyl alcohol (TBA)	298		"	250		119	70-130		0.737	30	
tert-Butylbenzene	42.7		"	50.0		85.3	80-127		5.12	30	
Tetrachloroethylene	40.7		"	50.0		81.3	70-130		6.54	30	
Toluene	47.4		"	50.0		94.8	70-130		1.05	30	
trans-1,2-Dichloroethylene	52.3		"	50.0		105	70-130		6.44	30	
trans-1,3-Dichloropropylene	54.2		"	50.0		108	70-130		3.47	30	
Trichloroethylene	49.1		"	50.0		98.1	70-130		1.75	30	
Trichlorofluoromethane	45.2		"	50.0		90.3	40-160		6.44	30	
Vinyl Chloride	40.4		"	50.0		80.7	70-130		4.85	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.2*		*"*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
Matrix Spike (BI41155-MS1) Matrix Spike *Source sample: 24I1064-01 (PE51_20)								Prepared & Analyzed: 09/18/2024			
1,1,1,2-Tetrachloroethane	34.5		ug/L	50.0	0.00	68.9	15-161			33	
1,1,1-Trichloroethane	38.7		"	50.0	0.00	77.5	70-130			30	
1,1,2,2-Tetrachloroethane	39.5		"	50.0	0.00	79.1	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.6		"	50.0	0.00	71.3	70-130			30	
1,1,2-Trichloroethane	38.6		"	50.0	0.00	77.1	70-130			30	
1,1-Dichloroethane	39.8		"	50.0	0.00	79.6	70-130			30	
1,1-Dichloroethylene	43.6		"	50.0	0.00	87.3	70-130			30	
1,1-Dichloropropylene	39.4		"	50.0	0.00	78.7	40-133			28	
1,2,3-Trichlorobenzene	12.4		"	50.0	0.00	24.9	70-130	Low Bias		30	
1,2,3-Trichloropropane	39.6		"	50.0	0.00	79.1	38-155			48	
1,2,4-Trichlorobenzene	12.6		"	50.0	0.00	25.2	70-130	Low Bias		30	
1,2,4-Trimethylbenzene	26.4		"	50.0	0.00	52.7	10-170			242	
1,2-Dibromo-3-chloropropane	32.4		"	50.0	0.00	64.7	40-160			30	
1,2-Dibromoethane	39.3		"	50.0	0.00	78.6	70-130			30	
1,2-Dichlorobenzene	20.8		"	50.0	0.00	41.5	70-130	Low Bias		30	
1,2-Dichloroethane	40.0		"	50.0	0.00	80.0	70-130			30	
1,2-Dichloropropane	41.0		"	50.0	0.00	82.0	70-130			30	
1,3,5-Trimethylbenzene	27.4		"	50.0	0.00	54.8	10-150			62	
1,3-Dichlorobenzene	23.6		"	50.0	0.00	47.1	70-130	Low Bias		30	
1,3-Dichloropropane	39.4		"	50.0	0.00	78.9	43-142			36	
1,4-Dichlorobenzene	24.0		"	50.0	0.00	48.0	70-130	Low Bias		30	
1,4-Dioxane	850		"	1050	0.00	81.0	40-160			30	
2,2-Dichloropropane	42.2		"	50.0	0.00	84.4	38-130			31	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
Matrix Spike (BI41155-MS1) Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
2-Butanone	41.0		ug/L	50.0	0.00	82.1	40-160			30	
2-Chlorotoluene	29.5		"	50.0	0.00	58.9	14-144			49	
2-Hexanone	42.4		"	50.0	0.00	84.7	40-160			30	
4-Chlorotoluene	29.6		"	50.0	0.00	59.3	15-138			39	
4-Methyl-2-pentanone	33.6		"	50.0	0.00	67.2	40-160			30	
Acetone	28.6		"	50.0	2.10	52.9	40-160			30	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	46.8		"	50.0	0.00	93.6	13-161			48	
Benzene	38.4		"	50.0	0.00	76.7	70-130			30	
Bromobenzene	32.4		"	50.0	0.00	64.8	23-142			44	
Bromochloromethane	41.1		"	50.0	0.00	82.1	70-130			30	
Bromodichloromethane	40.2		"	50.0	0.00	80.4	70-130			30	
Bromoform	31.6		"	50.0	0.00	63.3	70-130	Low Bias		30	
Bromomethane	38.1		"	50.0	0.00	76.1	40-160			30	
Carbon disulfide	36.9		"	50.0	0.00	73.8	40-160			30	
Carbon tetrachloride	37.6		"	50.0	0.00	75.3	70-130			30	
Chlorobenzene	30.6		"	50.0	0.00	61.3	70-130	Low Bias		30	
Chloroethane	36.3		"	50.0	0.00	72.6	40-160			30	
Chloroform	40.1		"	50.0	0.00	80.2	70-130			30	
Chloromethane	26.7		"	50.0	0.00	53.5	40-160			30	
cis-1,2-Dichloroethylene	41.3		"	50.0	0.00	82.5	70-130			30	
cis-1,3-Dichloropropylene	39.5		"	50.0	0.00	79.0	70-130			30	
Cyclohexane	36.1		"	50.0	0.00	72.2	70-130			30	
Dibromochloromethane	38.0		"	50.0	0.00	76.0	70-130			30	
Dibromomethane	36.4		"	50.0	0.00	72.9	47-143			41	
Dichlorodifluoromethane	22.5		"	50.0	0.00	45.0	40-160			30	
Ethyl Benzene	33.8		"	50.0	0.00	67.5	70-130	Low Bias		30	
Hexachlorobutadiene	11.2		"	50.0	0.00	22.5	10-158			45	
Isopropylbenzene	31.2		"	50.0	0.00	62.5	70-130	Low Bias		30	
Methyl acetate	61.2		"	50.0	0.00	122	70-130			30	
Methyl tert-butyl ether (MTBE)	42.4		"	50.0	0.00	84.8	70-130			30	
Methylcyclohexane	29.0		"	50.0	0.00	58.1	70-130	Low Bias		30	
Methylene chloride	40.4		"	50.0	1.32	78.2	70-130			30	
n-Butylbenzene	21.2		"	50.0	0.00	42.5	10-162			96	
n-Propylbenzene	29.3		"	50.0	0.00	58.5	10-155			56	
o-Xylene	32.7		"	50.0	0.00	65.4	70-130	Low Bias		30	
p- & m- Xylenes	60.8		"	100	0.00	60.8	70-130	Low Bias		30	
p-Isopropyltoluene	23.7		"	50.0	0.00	47.5	10-147			60	
sec-Butylbenzene	24.8		"	50.0	0.00	49.6	10-157			56	
Styrene	31.6		"	50.0	0.00	63.2	70-130	Low Bias		30	
tert-Butyl alcohol (TBA)	240		"	250	0.00	96.0	34-179			35	
tert-Butylbenzene	23.4		"	50.0	0.00	46.8	10-160			79	
Tetrachloroethylene	25.8		"	50.0	0.00	51.6	70-130	Low Bias		30	
Toluene	37.4		"	50.0	0.00	74.7	70-130			30	
trans-1,2-Dichloroethylene	41.0		"	50.0	0.00	81.9	70-130			30	
trans-1,3-Dichloropropylene	40.0		"	50.0	0.00	80.0	70-130			30	
Trichloroethylene	37.5		"	50.0	0.00	75.0	70-130			30	
Trichlorofluoromethane	37.2		"	50.0	0.00	74.4	40-160			30	
Vinyl Chloride	33.5		"	50.0	0.00	67.0	70-130	Low Bias		30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
Matrix Spike (BI41155-MS1) Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
Surrogate: SURR: p-Bromofluorobenzene	*53.6*		*ug/L*	*50.0*		*107*	*76-130*				
Matrix Spike Dup (BI41155-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
1,1,1,2-Tetrachloroethane	38.9		ug/L	50.0	0.00	77.8	15-161		12.1	33	
1,1,1-Trichloroethane	42.7		"	50.0	0.00	85.4	70-130		9.70	30	
1,1,2,2-Tetrachloroethane	45.5		"	50.0	0.00	90.9	70-130		13.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.4		"	50.0	0.00	80.8	70-130		12.5	30	
1,1,2-Trichloroethane	44.6		"	50.0	0.00	89.2	70-130		14.6	30	
1,1-Dichloroethane	45.1		"	50.0	0.00	90.2	70-130		12.5	30	
1,1-Dichloroethylene	47.5		"	50.0	0.00	94.9	70-130		8.39	30	
1,1-Dichloropropylene	43.8		"	50.0	0.00	87.6	40-133		10.6	28	
1,2,3-Trichlorobenzene	16.1		"	50.0	0.00	32.2	70-130	Low Bias	25.7	30	
1,2,3-Trichloropropane	43.9		"	50.0	0.00	87.7	38-155		10.3	48	
1,2,4-Trichlorobenzene	17.1		"	50.0	0.00	34.2	70-130	Low Bias	30.3	30	Non-dir.
1,2,4-Trimethylbenzene	30.6		"	50.0	0.00	61.3	10-170		15.1	242	
1,2-Dibromo-3-chloropropane	41.5		"	50.0	0.00	83.1	40-160		24.8	30	
1,2-Dibromoethane	44.9		"	50.0	0.00	89.8	70-130		13.3	30	
1,2-Dichlorobenzene	26.6		"	50.0	0.00	53.2	70-130	Low Bias	24.7	30	
1,2-Dichloroethane	45.8		"	50.0	0.00	91.7	70-130		13.6	30	
1,2-Dichloropropane	47.3		"	50.0	0.00	94.5	70-130		14.2	30	
1,3,5-Trimethylbenzene	30.4		"	50.0	0.00	60.9	10-150		10.6	62	
1,3-Dichlorobenzene	27.4		"	50.0	0.00	54.9	70-130	Low Bias	15.3	30	
1,3-Dichloropropane	45.7		"	50.0	0.00	91.4	43-142		14.7	36	
1,4-Dichlorobenzene	27.0		"	50.0	0.00	54.1	70-130	Low Bias	12.0	30	
1,4-Dioxane	883		"	1050	0.00	84.1	40-160		3.82	30	
2,2-Dichloropropane	48.2		"	50.0	0.00	96.3	38-130		13.2	31	
2-Butanone	45.3		"	50.0	0.00	90.6	40-160		9.94	30	
2-Chlorotoluene	33.2		"	50.0	0.00	66.3	14-144		11.8	49	
2-Hexanone	51.2		"	50.0	0.00	102	40-160		18.9	30	
4-Chlorotoluene	33.7		"	50.0	0.00	67.3	15-138		12.7	39	
4-Methyl-2-pentanone	38.8		"	50.0	0.00	77.6	40-160		14.4	30	
Acetone	37.8		"	50.0	2.00	71.5	40-160		27.7	30	
Acrolein	1.29		"	50.0	0.00	2.58	10-192	Low Bias		128	
Acrylonitrile	49.1		"	50.0	0.00	98.2	13-161		4.79	48	
Benzene	44.7		"	50.0	0.00	89.3	70-130		15.2	30	
Bromobenzene	36.8		"	50.0	0.00	73.7	23-142		12.8	44	
Bromochloromethane	47.6		"	50.0	0.00	95.2	70-130		14.7	30	
Bromodichloromethane	46.7		"	50.0	0.00	93.4	70-130		14.9	30	
Bromoform	41.9		"	50.0	0.00	83.9	70-130		28.0	30	
Bromomethane	39.6		"	50.0	0.00	79.1	40-160		3.84	30	
Carbon disulfide	40.1		"	50.0	0.00	80.2	40-160		8.28	30	
Carbon tetrachloride	41.9		"	50.0	0.00	83.7	70-130		10.7	30	
Chlorobenzene	40.8		"	50.0	0.00	81.7	70-130		28.5	30	
Chloroethane	38.2		"	50.0	0.00	76.3	40-160		4.94	30	
Chloroform	45.4		"	50.0	0.00	90.8	70-130		12.4	30	
Chloromethane	27.8		"	50.0	0.00	55.7	40-160		4.10	30	
cis-1,2-Dichloroethylene	46.0		"	50.0	0.00	92.0	70-130		10.9	30	
cis-1,3-Dichloropropylene	46.0		"	50.0	0.00	91.9	70-130		15.1	30	
Cyclohexane	38.9		"	50.0	0.00	77.7	70-130		7.42	30	
Dibromochloromethane	41.2		"	50.0	0.00	82.5	70-130		8.13	30	
Dibromomethane	43.7		"	50.0	0.00	87.4	47-143		18.1	41	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41155 - EPA 5035A											
Matrix Spike Dup (BI41155-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)								Prepared & Analyzed: 09/18/2024		
Dichlorodifluoromethane	22.1		ug/L	50.0	0.00	44.2	40-160		1.70	30	
Ethyl Benzene	41.4		"	50.0	0.00	82.9	70-130		20.4	30	
Hexachlorobutadiene	14.8		"	50.0	0.00	29.5	10-158		27.2	45	
Isopropylbenzene	35.9		"	50.0	0.00	71.9	70-130		14.0	30	
Methyl acetate	60.9		"	50.0	0.00	122	70-130		0.541	30	
Methyl tert-butyl ether (MTBE)	49.9		"	50.0	0.00	99.7	70-130		16.2	30	
Methylcyclohexane	30.2		"	50.0	0.00	60.4	70-130	Low Bias	3.85	30	
Methylene chloride	45.2		"	50.0	1.26	87.9	70-130		11.2	30	
n-Butylbenzene	22.9		"	50.0	0.00	45.9	10-162		7.65	96	
n-Propylbenzene	32.2		"	50.0	0.00	64.3	10-155		9.41	56	
o-Xylene	37.5		"	50.0	0.00	75.0	70-130		13.6	30	
p- & m- Xylenes	73.8		"	100	0.00	73.8	70-130		19.4	30	
p-Isopropyltoluene	27.6		"	50.0	0.00	55.3	10-147		15.2	60	
sec-Butylbenzene	27.6		"	50.0	0.00	55.1	10-157		10.5	56	
Styrene	38.1		"	50.0	0.00	76.2	70-130		18.7	30	
tert-Butyl alcohol (TBA)	277		"	250	0.00	111	34-179		14.3	35	
tert-Butylbenzene	26.5		"	50.0	0.00	53.0	10-160		12.4	79	
Tetrachloroethylene	33.1		"	50.0	0.00	66.2	70-130	Low Bias	24.7	30	
Toluene	42.8		"	50.0	0.00	85.7	70-130		13.7	30	
trans-1,2-Dichloroethylene	41.7		"	50.0	0.00	83.3	70-130		1.72	30	
trans-1,3-Dichloropropylene	44.4		"	50.0	0.00	88.8	70-130		10.4	30	
Trichloroethylene	44.7		"	50.0	0.00	89.4	70-130		17.5	30	
Trichlorofluoromethane	38.5		"	50.0	0.00	77.0	40-160		3.35	30	
Vinyl Chloride	35.2		"	50.0	0.00	70.3	70-130		4.75	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI41292 - EPA 3550C

Blank (BI41292-BLK1) Blank — Prepared & Analyzed: 09/20/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
Blank (BI41292-BLK1) Blank									Prepared & Analyzed: 09/20/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.971*		"	*1.66*		*58.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.766*		"	*1.66*		*46.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.618*		"	*0.831*		*74.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.506*		"	*0.831*		*60.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.52*		"	*1.66*		*91.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.575*		"	*0.831*		*69.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
LCS (BI41292-BS1) LCS								Prepared & Analyzed: 09/20/2024			
1,1-Biphenyl	0.526	0.0416	mg/kg wet	0.831		63.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.590	0.0830	"	0.831		71.0	21-131				
1,2,4-Trichlorobenzene	0.568	0.0416	"	1.25		45.6	10-140				
1,2-Dichlorobenzene	0.496	0.0416	"	1.25		39.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.641	0.0416	"	1.25		51.4	17-137				
1,3-Dichlorobenzene	0.491	0.0416	"	1.25		39.4	33-110				
1,4-Dichlorobenzene	0.491	0.0416	"	1.25		39.4	32-104				
2,3,4,6-Tetrachlorophenol	0.384	0.0830	"	1.25		30.8	30-130				
2,4,5-Trichlorophenol	0.494	0.0416	"	1.25		39.7	27-118				
2,4,6-Trichlorophenol	0.565	0.0416	"	1.25		45.4	31-120				
2,4-Dichlorophenol	0.571	0.0416	"	1.25		45.9	20-127				
2,4-Dimethylphenol	0.486	0.0416	"	1.25		39.0	14-132				
2,4-Dinitrophenol	0.443	0.0830	"	1.25		35.6	10-171				
2,4-Dinitrotoluene	0.681	0.0416	"	1.25		54.6	34-131				
2,6-Dinitrotoluene	0.651	0.0416	"	1.25		52.2	31-128				
2-Chloronaphthalene	0.514	0.0416	"	1.25		41.3	31-117				
2-Chlorophenol	0.518	0.0416	"	1.25		41.6	33-113				
2-Methylnaphthalene	0.529	0.0416	"	1.25		42.4	12-138				
2-Methylphenol	0.302	0.0416	"	1.25		24.2	10-136				
2-Nitroaniline	0.579	0.0830	"	1.25		46.5	27-132				
2-Nitrophenol	0.656	0.0416	"	1.25		52.7	17-129				
3- & 4-Methylphenols	0.341	0.0416	"	1.25		27.4	29-103	Low Bias			
3,3-Dichlorobenzidine	0.446	0.0416	"	0.831		53.7	22-149				
3-Nitroaniline	0.479	0.0830	"	1.25		38.5	20-133				
4,6-Dinitro-2-methylphenol	0.987	0.0830	"	1.25		79.2	10-143				
4-Bromophenyl phenyl ether	0.633	0.0416	"	1.25		50.8	29-120				
4-Chloro-3-methylphenol	0.592	0.0416	"	1.25		47.5	24-129				
4-Chloroaniline	0.449	0.0416	"	1.25		36.1	10-132				
4-Chlorophenyl phenyl ether	0.556	0.0416	"	1.25		44.7	27-124				
4-Nitroaniline	0.501	0.0830	"	1.25		40.2	16-128				
4-Nitrophenol	0.944	0.0830	"	1.25		75.8	10-141				
Acenaphthene	0.487	0.0416	"	1.25		39.1	30-121				
Acenaphthylene	0.481	0.0416	"	1.25		38.6	30-115				
Acetophenone	0.552	0.0416	"	0.831		66.5	20-112				
Aniline	0.844	0.166	"	1.25		67.8	10-119				
Anthracene	0.542	0.0416	"	1.25		43.5	34-118				
Atrazine	0.656	0.0416	"	0.831		79.0	26-112				
Benzaldehyde	0.582	0.0416	"	0.831		70.1	21-100				
Benzo(a)anthracene	0.489	0.0416	"	1.25		39.3	32-122				
Benzo(a)pyrene	0.504	0.0416	"	1.25		40.5	29-133				
Benzo(b)fluoranthene	0.553	0.0416	"	1.25		44.4	25-133				
Benzo(g,h,i)perylene	0.579	0.0416	"	1.25		46.5	10-143				
Benzo(k)fluoranthene	0.553	0.0416	"	1.25		44.4	25-128				
Benzoic acid	0.490	0.0416	"	0.831		59.0	10-140				
Benzyl alcohol	0.482	0.0416	"	1.25		38.7	30-115				
Benzyl butyl phthalate	0.457	0.0416	"	1.25		36.7	26-126				
Bis(2-chloroethoxy)methane	0.606	0.0416	"	1.25		48.6	19-132				
Bis(2-chloroethyl)ether	1.21	0.0416	"	1.25		97.5	19-125				
Bis(2-chloroisopropyl)ether	0.617	0.0416	"	1.25		49.5	20-135				
Bis(2-ethylhexyl)phthalate	0.485	0.0416	"	1.25		39.0	10-155				
Caprolactam	0.687	0.0830	"	0.831		82.7	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
LCS (BI41292-BS1) LCS							Prepared & Analyzed: 09/20/2024				
Carbazole	0.509	0.0416	mg/kg wet	1.25		40.9	35-123				
Chrysene	0.508	0.0416	"	1.25		40.8	32-123				
Dibenzo(a,h)anthracene	0.580	0.0416	"	1.25		46.5	10-136				
Dibenzofuran	0.510	0.0416	"	1.25		40.9	29-121				
Diethyl phthalate	0.509	0.0416	"	1.25		40.9	34-116				
Dimethyl phthalate	0.522	0.0416	"	1.25		41.9	35-124				
Di-n-butyl phthalate	0.538	0.0416	"	1.25		43.2	31-116				
Di-n-octyl phthalate	0.435	0.0416	"	1.25		34.9	26-136				
Fluoranthene	0.535	0.0416	"	1.25		43.0	33-122				
Fluorene	0.509	0.0416	"	1.25		40.8	29-123				
Hexachlorobenzene	0.497	0.0416	"	1.25		39.9	21-124				
Hexachlorobutadiene	0.624	0.0416	"	1.25		50.1	10-149				
Hexachlorocyclopentadiene	0.428	0.0416	"	1.25		34.3	10-129				
Hexachloroethane	0.542	0.0416	"	1.25		43.5	28-108				
Indeno(1,2,3-cd)pyrene	0.579	0.0416	"	1.25		46.5	10-135				
Isophorone	0.616	0.0416	"	1.25		49.5	20-132				
Naphthalene	0.523	0.0416	"	1.25		42.0	23-124				
Nitrobenzene	0.602	0.0416	"	1.25		48.3	13-132				
N-Nitrosodimethylamine	0.565	0.0416	"	1.25		45.4	11-129				
N-nitroso-di-n-propylamine	0.548	0.0416	"	1.25		43.9	24-119				
N-Nitrosodiphenylamine	0.611	0.0416	"	1.25		49.1	22-152				
Pentachlorophenol	0.0894	0.0416	"	1.25		7.17	10-139	Low Bias			
Phenanthrene	0.534	0.0416	"	1.25		42.9	33-123				
Phenol	0.0442	0.0416	"	1.25		3.55	23-115	Low Bias			
Pyrene	0.475	0.0416	"	1.25		38.1	24-130				
Pyridine	0.471	0.166	"	1.25		37.8	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.04*		"	*1.66*		*62.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.937*		"	*1.66*		*56.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.643*		"	*0.831*		*77.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.538*		"	*0.831*		*64.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.80*		"	*1.66*		*108*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.580*		"	*0.831*		*69.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
Matrix Spike (BI41292-MS2) Matrix Spike *Source sample: 24I1064-01 (PE51_20)								Prepared: 09/20/2024 Analyzed: 09/23/2024			
1,1-Biphenyl	0.490	0.0893	mg/kg dry	0.892	ND	55.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.558	0.178	"	0.892	ND	62.6	10-133				
1,2,4-Trichlorobenzene	0.651	0.0893	"	1.34	ND	48.6	10-127				
1,2-Dichlorobenzene	0.535	0.0893	"	1.34	ND	40.0	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.565	0.0893	"	1.34	ND	42.2	10-144				
1,3-Dichlorobenzene	0.512	0.0893	"	1.34	ND	38.2	11-111				
1,4-Dichlorobenzene	0.502	0.0893	"	1.34	ND	37.5	10-106				
2,3,4,6-Tetrachlorophenol	0.677	0.178	"	1.34	ND	50.6	30-130				
2,4,5-Trichlorophenol	0.650	0.0893	"	1.34	ND	48.6	10-127				
2,4,6-Trichlorophenol	0.670	0.0893	"	1.34	ND	50.0	10-132				
2,4-Dichlorophenol	0.662	0.0893	"	1.34	ND	49.5	10-128				
2,4-Dimethylphenol	0.621	0.0893	"	1.34	ND	46.4	10-137				
2,4-Dinitrophenol	ND	0.178	"	1.34	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.440	0.0893	"	1.34	ND	32.9	16-135				
2,6-Dinitrotoluene	0.481	0.0893	"	1.34	ND	35.9	18-131				
2-Chloronaphthalene	0.550	0.0893	"	1.34	ND	41.1	10-129				
2-Chlorophenol	0.589	0.0893	"	1.34	ND	44.0	15-116				
2-Methylnaphthalene	0.715	0.0893	"	1.34	ND	53.4	10-147				
2-Methylphenol	0.500	0.0893	"	1.34	ND	37.3	10-136				
2-Nitroaniline	0.743	0.178	"	1.34	ND	55.5	10-137				
2-Nitrophenol	0.413	0.0893	"	1.34	ND	30.9	10-129				
3- & 4-Methylphenols	0.463	0.0893	"	1.34	ND	34.6	10-123				
3,3-Dichlorobenzidine	0.590	0.0893	"	0.892	ND	66.2	10-155				
3-Nitroaniline	0.740	0.178	"	1.34	ND	55.3	12-133				
4,6-Dinitro-2-methylphenol	ND	0.178	"	1.34	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.690	0.0893	"	1.34	ND	51.5	14-128				
4-Chloro-3-methylphenol	0.703	0.0893	"	1.34	ND	52.5	10-134				
4-Chloroaniline	0.586	0.0893	"	1.34	ND	43.8	10-145				
4-Chlorophenyl phenyl ether	0.607	0.0893	"	1.34	ND	45.3	14-130				
4-Nitroaniline	0.717	0.178	"	1.34	ND	53.5	10-147				
4-Nitrophenol	0.598	0.178	"	1.34	ND	44.7	10-137				
Acenaphthene	0.626	0.0893	"	1.34	ND	46.8	10-146				
Acenaphthylene	0.525	0.0893	"	1.34	ND	39.3	10-134				
Acetophenone	0.548	0.0893	"	0.892	ND	61.4	10-116				
Aniline	0.517	0.358	"	1.34	ND	38.6	10-123				
Anthracene	0.790	0.0893	"	1.34	ND	59.0	10-142				
Atrazine	0.622	0.0893	"	0.892	ND	69.8	19-115				
Benzaldehyde	0.536	0.0893	"	0.892	ND	60.1	10-125				
Benzo(a)anthracene	0.923	0.0893	"	1.34	0.109	60.8	10-158				
Benzo(a)pyrene	0.727	0.0893	"	1.34	0.0941	47.3	10-180				
Benzo(b)fluoranthene	0.681	0.0893	"	1.34	0.0719	45.5	10-200				
Benzo(g,h,i)perylene	0.703	0.0893	"	1.34	0.0726	47.1	10-138				
Benzo(k)fluoranthene	0.710	0.0893	"	1.34	0.0762	47.4	10-197				
Benzoic acid	0.0985	0.0893	"	0.892	ND	11.0	10-166				
Benzyl alcohol	0.530	0.0893	"	1.34	ND	39.6	12-124				
Benzyl butyl phthalate	0.658	0.0893	"	1.34	ND	49.2	10-154				
Bis(2-chloroethoxy)methane	0.524	0.0893	"	1.34	ND	39.1	10-132				
Bis(2-chloroethyl)ether	0.469	0.0893	"	1.34	ND	35.0	10-119				
Bis(2-chloroisopropyl)ether	0.405	0.0893	"	1.34	ND	30.3	10-139				
Bis(2-ethylhexyl)phthalate	0.600	0.0893	"	1.34	0.0805	38.8	10-167				
Caprolactam	0.642	0.178	"	0.892	ND	71.9	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
Matrix Spike (BI41292-MS2) Matrix Spike *Source sample: 24I1064-01 (PE51_20)								Prepared: 09/20/2024 Analyzed: 09/23/2024			
Carbazole	0.665	0.0893	mg/kg dry	1.34	ND	49.7	10-167				
Chrysene	0.808	0.0893	"	1.34	0.117	51.6	10-156				
Dibenzo(a,h)anthracene	0.664	0.0893	"	1.34	ND	49.6	10-137				
Dibenzofuran	0.615	0.0893	"	1.34	ND	45.9	10-147				
Diethyl phthalate	0.498	0.0893	"	1.34	ND	37.2	20-120				
Dimethyl phthalate	0.523	0.0893	"	1.34	ND	39.1	18-131				
Di-n-butyl phthalate	0.560	0.0893	"	1.34	ND	41.9	10-137				
Di-n-octyl phthalate	0.566	0.0893	"	1.34	ND	42.3	10-180				
Fluoranthene	1.09	0.0893	"	1.34	0.183	68.1	10-160				
Fluorene	0.689	0.0893	"	1.34	ND	51.5	10-157				
Hexachlorobenzene	0.607	0.0893	"	1.34	ND	45.3	10-137				
Hexachlorobutadiene	0.650	0.0893	"	1.34	ND	48.6	10-132				
Hexachlorocyclopentadiene	ND	0.0893	"	1.34	ND		10-106	Low Bias			
Hexachloroethane	0.432	0.0893	"	1.34	ND	32.3	10-110				
Indeno(1,2,3-cd)pyrene	0.897	0.0893	"	1.34	0.0675	62.0	10-144				
Isophorone	0.549	0.0893	"	1.34	ND	41.0	10-132				
Naphthalene	0.785	0.0893	"	1.34	ND	58.7	10-141				
Nitrobenzene	0.499	0.0893	"	1.34	ND	37.3	10-131				
N-Nitrosodimethylamine	0.397	0.0893	"	1.34	ND	29.7	10-126				
N-nitroso-di-n-propylamine	0.483	0.0893	"	1.34	ND	36.1	10-125				
N-Nitrosodiphenylamine	0.793	0.0893	"	1.34	ND	59.3	10-177				
Pentachlorophenol	0.495	0.0893	"	1.34	ND	37.0	10-153				
Phenanthrene	1.27	0.0893	"	1.34	0.144	83.8	10-148				
Phenol	0.610	0.0893	"	1.34	ND	45.6	10-126				
Pyrene	1.27	0.0893	"	1.34	0.292	73.1	10-165				
Pyridine	0.327	0.358	"	1.34	ND	24.4	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.15*		*"*	*1.78*		*64.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.06*		*"*	*1.78*		*59.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.600*		*"*	*0.892*		*67.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.605*		*"*	*0.892*		*67.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.66*		*"*	*1.78*		*93.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.755*		*"*	*0.892*		*84.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
Matrix Spike Dup (BI41292-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/20/2024 Analyzed: 09/23/2024		
1,1-Biphenyl	0.343	0.0893	mg/kg dry	0.892	ND	38.4	10-130		35.5	30	Non-dir.
1,2,4,5-Tetrachlorobenzene	0.387	0.178	"	0.892	ND	43.4	10-133		36.3	30	Non-dir.
1,2,4-Trichlorobenzene	0.451	0.0893	"	1.34	ND	33.7	10-127		36.3	30	Non-dir.
1,2-Dichlorobenzene	0.388	0.0893	"	1.34	ND	29.0	14-111		31.8	30	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	0.399	0.0893	"	1.34	ND	29.8	10-144		34.4	30	Non-dir.
1,3-Dichlorobenzene	0.380	0.0893	"	1.34	ND	28.4	11-111		29.6	30	
1,4-Dichlorobenzene	0.395	0.0893	"	1.34	ND	29.5	10-106		23.9	30	
2,3,4,6-Tetrachlorophenol	0.463	0.178	"	1.34	ND	34.6	30-130		37.6	30	Non-dir.
2,4,5-Trichlorophenol	0.441	0.0893	"	1.34	ND	33.0	10-127		38.3	30	Non-dir.
2,4,6-Trichlorophenol	0.506	0.0893	"	1.34	ND	37.8	10-132		27.8	30	
2,4-Dichlorophenol	0.497	0.0893	"	1.34	ND	37.1	10-128		28.6	30	
2,4-Dimethylphenol	0.435	0.0893	"	1.34	ND	32.5	10-137		35.3	30	Non-dir.
2,4-Dinitrophenol	ND	0.178	"	1.34	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.352	0.0893	"	1.34	ND	26.3	16-135		22.3	30	
2,6-Dinitrotoluene	0.330	0.0893	"	1.34	ND	24.6	18-131		37.3	30	Non-dir.
2-Chloronaphthalene	0.397	0.0893	"	1.34	ND	29.7	10-129		32.4	30	Non-dir.
2-Chlorophenol	0.416	0.0893	"	1.34	ND	31.1	15-116		34.4	30	Non-dir.
2-Methylnaphthalene	0.461	0.0893	"	1.34	ND	34.5	10-147		43.2	30	Non-dir.
2-Methylphenol	0.366	0.0893	"	1.34	ND	27.3	10-136		31.0	30	Non-dir.
2-Nitroaniline	0.528	0.178	"	1.34	ND	39.5	10-137		33.8	30	Non-dir.
2-Nitrophenol	0.375	0.0893	"	1.34	ND	28.1	10-129		9.59	30	
3- & 4-Methylphenols	0.314	0.0893	"	1.34	ND	23.5	10-123		38.2	30	Non-dir.
3,3-Dichlorobenzidine	0.388	0.0893	"	0.892	ND	43.4	10-155		41.5	30	Non-dir.
3-Nitroaniline	0.495	0.178	"	1.34	ND	37.0	12-133		39.6	30	Non-dir.
4,6-Dinitro-2-methylphenol	ND	0.178	"	1.34	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.475	0.0893	"	1.34	ND	35.5	14-128		36.9	30	Non-dir.
4-Chloro-3-methylphenol	0.490	0.0893	"	1.34	ND	36.6	10-134		35.8	30	Non-dir.
4-Chloroaniline	0.415	0.0893	"	1.34	ND	31.0	10-145		34.1	30	Non-dir.
4-Chlorophenyl phenyl ether	0.403	0.0893	"	1.34	ND	30.1	14-130		40.5	30	Non-dir.
4-Nitroaniline	0.483	0.178	"	1.34	ND	36.1	10-147		38.9	30	Non-dir.
4-Nitrophenol	0.374	0.178	"	1.34	ND	27.9	10-137		46.1	30	Non-dir.
Acenaphthene	0.368	0.0893	"	1.34	ND	27.5	10-146		51.8	30	Non-dir.
Acenaphthylene	0.374	0.0893	"	1.34	ND	27.9	10-134		33.7	30	Non-dir.
Acetophenone	0.402	0.0893	"	0.892	ND	45.0	10-116		30.7	30	Non-dir.
Aniline	0.361	0.358	"	1.34	ND	27.0	10-123		35.4	30	Non-dir.
Anthracene	0.475	0.0893	"	1.34	ND	35.5	10-142		49.7	30	Non-dir.
Atrazine	0.465	0.0893	"	0.892	ND	52.1	19-115		29.0	30	
Benzaldehyde	0.346	0.0893	"	0.892	ND	38.8	10-125		43.0	30	Non-dir.
Benzo(a)anthracene	0.499	0.0893	"	1.34	0.109	29.1	10-158		59.6	30	Non-dir.
Benzo(a)pyrene	0.397	0.0893	"	1.34	0.0941	22.6	10-180		58.8	30	Non-dir.
Benzo(b)fluoranthene	0.410	0.0893	"	1.34	0.0719	25.3	10-200		49.6	30	Non-dir.
Benzo(g,h,i)perylene	0.434	0.0893	"	1.34	0.0726	27.0	10-138		47.3	30	Non-dir.
Benzo(k)fluoranthene	0.427	0.0893	"	1.34	0.0762	26.2	10-197		49.8	30	Non-dir.
Benzoic acid	0.0807	0.0893	"	0.892	ND	9.04	10-166	Low Bias	19.9	30	
Benzyl alcohol	0.358	0.0893	"	1.34	ND	26.8	12-124		38.7	30	Non-dir.
Benzyl butyl phthalate	0.421	0.0893	"	1.34	ND	31.5	10-154		43.9	30	Non-dir.
Bis(2-chloroethoxy)methane	0.351	0.0893	"	1.34	ND	26.2	10-132		39.5	30	Non-dir.
Bis(2-chloroethyl)ether	0.359	0.0893	"	1.34	ND	26.8	10-119		26.6	30	
Bis(2-chloroisopropyl)ether	0.280	0.0893	"	1.34	ND	20.9	10-139		36.7	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.398	0.0893	"	1.34	0.0805	23.7	10-167		40.5	30	Non-dir.
Caprolactam	0.445	0.178	"	0.892	ND	49.9	10-132		36.1	30	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41292 - EPA 3550C											
Matrix Spike Dup (BI41292-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/20/2024 Analyzed: 09/23/2024		
Carbazole	0.423	0.0893	mg/kg dry	1.34	ND	31.6	10-167		44.6	30	Non-dir.
Chrysene	0.470	0.0893	"	1.34	0.117	26.3	10-156		53.0	30	Non-dir.
Dibenzo(a,h)anthracene	0.429	0.0893	"	1.34	ND	32.1	10-137		43.0	30	Non-dir.
Dibenzofuran	0.413	0.0893	"	1.34	ND	30.8	10-147		39.3	30	Non-dir.
Diethyl phthalate	0.370	0.0893	"	1.34	ND	27.7	20-120		29.4	30	
Dimethyl phthalate	0.380	0.0893	"	1.34	ND	28.4	18-131		31.8	30	Non-dir.
Di-n-butyl phthalate	0.383	0.0893	"	1.34	ND	28.6	10-137		37.7	30	Non-dir.
Di-n-octyl phthalate	0.392	0.0893	"	1.34	ND	29.3	10-180		36.4	30	Non-dir.
Fluoranthene	0.535	0.0893	"	1.34	0.183	26.3	10-160		68.7	30	Non-dir.
Fluorene	0.404	0.0893	"	1.34	ND	30.2	10-157		52.1	30	Non-dir.
Hexachlorobenzene	0.431	0.0893	"	1.34	ND	32.2	10-137		33.8	30	Non-dir.
Hexachlorobutadiene	0.509	0.0893	"	1.34	ND	38.0	10-132		24.4	30	
Hexachlorocyclopentadiene	ND	0.0893	"	1.34	ND		10-106	Low Bias		30	
Hexachloroethane	0.298	0.0893	"	1.34	ND	22.2	10-110		36.8	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.525	0.0893	"	1.34	0.0675	34.2	10-144		52.3	30	Non-dir.
Isophorone	0.411	0.0893	"	1.34	ND	30.7	10-132		28.7	30	
Naphthalene	0.416	0.0893	"	1.34	ND	31.1	10-141		61.4	30	Non-dir.
Nitrobenzene	0.415	0.0893	"	1.34	ND	31.0	10-131		18.4	30	
N-Nitrosodimethylamine	0.276	0.0893	"	1.34	ND	20.6	10-126		35.8	30	Non-dir.
N-nitroso-di-n-propylamine	0.343	0.0893	"	1.34	ND	25.6	10-125		33.9	30	Non-dir.
N-Nitrosodiphenylamine	0.448	0.0893	"	1.34	ND	33.5	10-177		55.5	30	Non-dir.
Pentachlorophenol	0.266	0.0893	"	1.34	ND	19.8	10-153		60.4	30	Non-dir.
Phenanthrene	0.483	0.0893	"	1.34	0.144	25.3	10-148		89.6	30	Non-dir.
Phenol	0.433	0.0893	"	1.34	ND	32.4	10-126		33.9	30	Non-dir.
Pyrene	0.574	0.0893	"	1.34	0.292	21.1	10-165		75.5	30	Non-dir.
Pyridine	0.221	0.358	"	1.34	ND	16.5	10-83		38.5	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*0.812*		*"*	*1.78*		*45.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.790*		*"*	*1.78*		*44.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.454*		*"*	*0.892*		*50.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.415*		*"*	*0.892*		*46.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.18*		*"*	*1.78*		*66.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.493*		*"*	*0.892*		*55.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41376 - EPA 3550C											
Blank (BI41376-BLK1) Blank									Prepared: 09/23/2024 Analyzed: 09/24/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*339*		*"*	*495*		*68.4*	*39-127.5*				
LCS (BI41376-BS1) LCS									Prepared: 09/23/2024 Analyzed: 09/24/2024		
1,4-Dioxane	543	19.8	ug/kg	495		110	40-130				
Surrogate: 1,4-Dioxane-d8	*341*		*"*	*495*		*68.8*	*39-127.5*				
Matrix Spike (BI41376-MS1) Matrix Spike *Source sample: 24I1064-01 (PE51_20)									Prepared: 09/23/2024 Analyzed: 09/24/2024		
1,4-Dioxane	525	19.8	ug/kg	495	ND	106	40-130				
Surrogate: 1,4-Dioxane-d8	*323*		*"*	*495*		*65.2*	*40-130*				
Matrix Spike Dup (BI41376-M Matrix Spike Dup *Source sample: 24I1064-01 (PE51_20)									Prepared: 09/23/2024 Analyzed: 09/24/2024		
1,4-Dioxane	545	19.8	ug/kg	495	ND	110	40-130		3.70	30	
Surrogate: 1,4-Dioxane-d8	*342*		*"*	*495*		*69.2*	*40-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
Blank (BI41273-BLK1) Blank									Prepared: 09/20/2024 Analyzed: 09/23/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.748	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.756	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.787	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.738	"								
HFPO-DA (Gen-X)	ND	0.787	"								
11CL-PF3OUdS	ND	0.744	"								
9CL-PF3ONS	ND	0.736	"								
ADONA	ND	0.744	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.984	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.92	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.92	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.43*		"	*2.29*		*106*	*25-150*				
Surrogate: M5PFHxA	*2.78*		"	*2.46*		*113*	*25-150*				
Surrogate: M4PFHpA	*2.53*		"	*2.46*		*103*	*25-150*				
Surrogate: M3PFHxS	*2.39*		"	*2.33*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.33*		"	*2.46*		*135*	*25-150*				
Surrogate: M6PFDA	*1.47*		"	*1.23*		*120*	*25-150*				
Surrogate: M7PFUdA	*1.21*		"	*1.23*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.975*		"	*1.23*		*79.3*	*25-150*				
Surrogate: M2PFTeDA	*0.855*		"	*1.23*		*69.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
Blank (BI41273-BLK1) Blank								Prepared: 09/20/2024 Analyzed: 09/23/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*ug/kg wet*	*9.84*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.01*		*"*	*2.36*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.16*		*"*	*4.92*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.03*		*"*	*2.46*		*123*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.90*		*"*	*4.92*		*120*	*25-150*				
Surrogate: d5-N-EtFOSAA	*6.24*		*"*	*4.92*		*127*	*25-150*				
Surrogate: M2-6:2 FTS	*15.8*		*"*	*4.68*		*337*	*25-200*				
Surrogate: M2-8:2 FTS	*8.72*		*"*	*4.72*		*185*	*25-200*				
Surrogate: M9PFNA	*1.42*		*"*	*1.23*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*24.6*		*"*	*4.62*		*533*	*25-150*				
Surrogate: d-N-MeFOSA	*3.15*		*"*	*2.46*		*128*	*25-150*				
Surrogate: d-N-EtFOSA	*2.47*		*"*	*2.46*		*101*	*25-150*				
Surrogate: M3HFPO-DA	*11.9*		*"*	*9.84*		*121*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.5*		*"*	*24.6*		*42.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.1*		*"*	*24.6*		*41.0*	*25-150*				
LCS (BI41273-BS1) LCS								Prepared: 09/20/2024 Analyzed: 09/23/2024			
Perfluorobutanesulfonic acid (PFBS)	3.18	0.174	ug/kg wet	3.48		91.5	50-150				
Perfluorohexanoic acid (PFHxA)	3.24	0.196	"	3.93		82.5	50-150				
Perfluoroheptanoic acid (PFHpA)	4.28	0.196	"	3.93		109	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.02	0.180	"	3.60		84.0	50-150				
Perfluorooctanoic acid (PFOA)	3.46	0.196	"	3.93		88.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.45	0.183	"	3.65		94.4	50-150				
Perfluorononanoic acid (PFNA)	3.24	0.196	"	3.93		82.4	50-150				
Perfluorodecanoic acid (PFDA)	3.59	0.196	"	3.93		91.4	50-150				
Perfluoroundecanoic acid (PFUnA)	3.18	0.196	"	3.93		81.0	50-150				
Perfluorododecanoic acid (PFDoA)	3.73	0.196	"	3.93		95.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.46	0.196	"	3.93		88.2	50-150				
Perfluorotetradecanoic acid (PFTA)	3.54	0.196	"	3.93		90.2	50-150				
N-MeFOSAA	4.02	0.196	"	3.93		102	50-150				
N-EtFOSAA	3.95	0.196	"	3.93		101	50-150				
Perfluoropentanoic acid (PFPeA)	7.25	0.393	"	7.86		92.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.43	0.196	"	3.93		87.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.39	0.196	"	3.75		117	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.05	0.190	"	3.79		54.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	11.5	0.747	"	14.9		77.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.1	0.754	"	15.1		93.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.4	0.786	"	15.7		91.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.39	0.350	"	6.99		106	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.78	0.393	"	7.86		73.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.70	0.393	"	7.86		85.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.45	0.393	"	7.86		94.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.49	0.185	"	3.69		94.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.0	0.737	"	14.7		74.9	50-150				
HFPO-DA (Gen-X)	6.68	0.786	"	7.86		84.9	50-150				
11CL-PF3OUdS	2.46	0.743	"	7.43		33.1	50-150	Low Bias			
9CL-PF3ONS	3.67	0.735	"	7.35		49.9	50-150	Low Bias			
ADONA	5.85	0.743	"	7.43		78.8	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
LCS (BI41273-BS1) LCS								Prepared: 09/20/2024 Analyzed: 09/23/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.71	0.191	ug/kg wet	3.81		44.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.09	0.189	"	3.77		82.0	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	20.0	0.982	"	15.7		127	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	90.0	4.91	"	78.6		115	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	80.8	4.91	"	78.6		103	50-150				
N-MeFOSE	36.2	1.96	"	39.3		92.2	50-150				
N-MeFOSA	3.70	0.196	"	3.93		94.2	50-150				
N-EtFOSE	39.4	1.96	"	39.3		100	50-150				
N-EtFOSA	4.46	0.196	"	3.93		113	50-150				
Surrogate: M3PFBS	*2.46*		*"*	*2.29*		*107*	*25-150*				
Surrogate: M5PFHxA	*3.06*		*"*	*2.46*		*125*	*25-150*				
Surrogate: M4PFHpA	*2.50*		*"*	*2.46*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.28*		*"*	*2.33*		*98.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.82*		*"*	*2.46*		*115*	*25-150*				
Surrogate: M6PFDA	*1.01*		*"*	*1.23*		*82.2*	*25-150*				
Surrogate: M7PFUdA	*0.816*		*"*	*1.23*		*66.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.576*		*"*	*1.23*		*46.9*	*25-150*				
Surrogate: M2PFTeDA	*0.584*		*"*	*1.23*		*47.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.0*		*"*	*9.82*		*122*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.08*		*"*	*2.35*		*88.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.56*		*"*	*4.91*		*113*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.25*		*"*	*2.46*		*91.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.72*		*"*	*4.91*		*75.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.55*		*"*	*4.91*		*72.3*	*25-150*				
Surrogate: M2-6:2 FTS	*14.6*		*"*	*4.67*		*312*	*25-200*				
Surrogate: M2-8:2 FTS	*6.00*		*"*	*4.72*		*127*	*25-200*				
Surrogate: M9PFNA	*1.21*		*"*	*1.23*		*98.7*	*25-150*				
Surrogate: M2-4:2 FTS	*23.4*		*"*	*4.61*		*509*	*25-150*				
Surrogate: d-N-MeFOSA	*1.95*		*"*	*2.46*		*79.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.57*		*"*	*2.46*		*63.8*	*25-150*				
Surrogate: M3HFPO-DA	*13.5*		*"*	*9.82*		*137*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.16*		*"*	*24.6*		*29.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.60*		*"*	*24.6*		*31.0*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
LCS (BI41273-BS2) LCS								Prepared: 09/20/2024 Analyzed: 09/23/2024			
Perfluorobutanesulfonic acid (PFBS)	0.614	0.176	ug/kg wet	0.702		87.4	50-150				
Perfluorohexanoic acid (PFHxA)	0.620	0.198	"	0.794		78.1	50-150				
Perfluoroheptanoic acid (PFHpA)	0.873	0.198	"	0.794		110	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.632	0.182	"	0.726		87.0	50-150				
Perfluorooctanoic acid (PFOA)	0.617	0.198	"	0.794		77.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.551	0.185	"	0.738		74.7	50-150				
Perfluorononanoic acid (PFNA)	0.603	0.198	"	0.794		75.9	50-150				
Perfluorodecanoic acid (PFDA)	0.636	0.198	"	0.794		80.1	50-150				
Perfluoroundecanoic acid (PFUnA)	0.591	0.198	"	0.794		74.4	50-150				
Perfluorododecanoic acid (PFDoA)	0.720	0.198	"	0.794		90.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.708	0.198	"	0.794		89.3	50-150				
Perfluorotetradecanoic acid (PFTA)	0.648	0.198	"	0.794		81.7	50-150				
N-MeFOSAA	0.673	0.198	"	0.794		84.8	50-150				
N-EtFOSAA	0.751	0.198	"	0.794		94.7	50-150				
Perfluoropentanoic acid (PFPeA)	1.42	0.397	"	1.59		89.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.661	0.198	"	0.794		83.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.668	0.198	"	0.758		88.2	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.476	0.191	"	0.766		62.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.27	0.754	"	3.02		75.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.68	0.762	"	3.05		87.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.73	0.794	"	3.17		86.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.36	0.353	"	1.41		96.3	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.31	0.397	"	1.59		82.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.32	0.397	"	1.59		83.1	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.36	0.397	"	1.59		85.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.655	0.187	"	0.746		87.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.10	0.744	"	2.98		70.4	50-150				
HFPO-DA (Gen-X)	1.19	0.794	"	1.59		75.2	50-150				
11CL-PF3OUdS	0.933	0.750	"	1.50		62.2	50-150				
9CL-PF3ONS	1.24	0.742	"	1.48		83.2	50-150				
ADONA	1.17	0.750	"	1.50		78.3	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.321	0.192	"	0.770		41.7	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.613	0.190	"	0.762		80.5	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	3.95	0.992	"	3.17		124	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	16.8	4.96	"	15.9		106	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	18.1	4.96	"	15.9		114	50-150				
N-MeFOSE	8.12	1.98	"	7.94		102	50-150				
N-MeFOSA	0.723	0.198	"	0.794		91.1	50-150				
N-EtFOSE	7.57	1.98	"	7.94		95.4	50-150				
N-EtFOSA	0.759	0.198	"	0.794		95.7	50-150				
Surrogate: M3PFBS	*2.48*		"	*2.31*		*107*	*25-150*				
Surrogate: M5PFHxA	*3.00*		"	*2.48*		*121*	*25-150*				
Surrogate: M4PFHpA	*2.41*		"	*2.48*		*97.3*	*25-150*				
Surrogate: M3PFHxS	*2.35*		"	*2.35*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.14*		"	*2.48*		*127*	*25-150*				
Surrogate: M6PFDA	*1.46*		"	*1.24*		*118*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.24*		*95.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.972*		"	*1.24*		*78.4*	*25-150*				
Surrogate: M2PFTeDA	*0.808*		"	*1.24*		*65.2*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
LCS (BI41273-BS2) LCS									Prepared: 09/20/2024 Analyzed: 09/23/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.5*		*ug/kg wet*	*9.92*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.06*		*"*	*2.38*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.17*		*"*	*4.96*		*104*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.96*		*"*	*2.48*		*119*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.94*		*"*	*4.96*		*120*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.95*		*"*	*4.96*		*120*	*25-150*				
Surrogate: M2-6:2 FTS	*15.7*		*"*	*4.72*		*333*	*25-200*				
Surrogate: M2-8:2 FTS	*8.45*		*"*	*4.76*		*177*	*25-200*				
Surrogate: M9PFNA	*1.54*		*"*	*1.24*		*124*	*25-150*				
Surrogate: M2-4:2 FTS	*24.5*		*"*	*4.65*		*526*	*25-150*				
Surrogate: d-N-MeFOSA	*2.68*		*"*	*2.48*		*108*	*25-150*				
Surrogate: d-N-EtFOSA	*2.62*		*"*	*2.48*		*106*	*25-150*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.92*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.40*		*"*	*24.8*		*37.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*9.57*		*"*	*24.8*		*38.6*	*25-150*				
Matrix Spike (BI41273-MS1) Matrix Spike *Source sample: 24I1064-01 (PE51_20)									Prepared: 09/20/2024 Analyzed: 09/24/2024		
Perfluorobutanesulfonic acid (PFBS)	3.30	0.190	ug/kg dry	3.80	ND	86.8	25-150				
Perfluorohexanoic acid (PFHxA)	3.71	0.215	"	4.29	ND	86.4	25-150				
Perfluoroheptanoic acid (PFHpA)	5.09	0.215	"	4.29	ND	119	25-150				
Perfluorohexanesulfonic acid (PFHxS)	3.24	0.196	"	3.93	ND	82.4	25-150				
Perfluorooctanoic acid (PFOA)	3.70	0.215	"	4.29	ND	86.1	25-150				
Perfluorooctanesulfonic acid (PFOS)	3.70	0.200	"	3.99	ND	92.8	25-150				
Perfluorononanoic acid (PFNA)	3.25	0.215	"	4.29	ND	75.8	25-150				
Perfluorodecanoic acid (PFDA)	3.40	0.215	"	4.29	ND	79.3	25-150				
Perfluoroundecanoic acid (PFUnA)	3.81	0.215	"	4.29	ND	88.8	25-150				
Perfluorododecanoic acid (PFDoA)	3.71	0.215	"	4.29	ND	86.4	25-150				
Perfluorotridecanoic acid (PFTrDA)	3.90	0.215	"	4.29	ND	90.9	25-150				
Perfluorotetradecanoic acid (PFTA)	4.06	0.215	"	4.29	ND	94.6	25-150				
N-MeFOSAA	4.12	0.215	"	4.29	ND	96.1	25-150				
N-EtFOSAA	3.93	0.215	"	4.29	ND	91.7	25-150				
Perfluoropentanoic acid (PFPeA)	7.86	0.429	"	8.58	ND	91.6	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.70	0.215	"	4.29	ND	63.0	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.61	0.215	"	4.10	ND	88.2	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.49	0.207	"	4.14	ND	84.2	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.3	0.815	"	16.3	ND	81.8	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.2	0.824	"	16.5	ND	92.3	25-150				
Perfluoro-n-butanoic acid (PFBA)	15.5	0.858	"	17.2	ND	90.4	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.44	0.382	"	7.64	ND	110	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.15	0.429	"	8.58	ND	83.2	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	5.21	0.429	"	8.58	ND	60.7	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.91	0.429	"	8.58	ND	92.1	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.43	0.202	"	4.03	ND	85.0	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.2	0.805	"	16.1	ND	69.5	25-150				
HFPO-DA (Gen-X)	8.36	0.858	"	8.58	ND	97.4	25-150				
11CL-PF3OUdS	6.65	0.811	"	8.11	ND	82.0	25-150				
9CL-PF3ONS	7.46	0.803	"	8.03	ND	92.9	25-150				
ADONA	6.54	0.811	"	8.11	ND	80.6	25-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
Matrix Spike (BI41273-MS1) Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/20/2024 Analyzed: 09/24/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.07	0.208	ug/kg dry	4.16	ND	49.6	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.62	0.206	"	4.12	ND	88.0	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	18.3	1.07	"	17.2	ND	107	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	91.8	5.36	"	85.8	ND	107	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	112	5.36	"	85.8	ND	131	25-150				
N-MeFOSE	39.6	2.15	"	42.9	ND	92.3	25-150				
N-MeFOSA	4.09	0.215	"	4.29	ND	95.3	25-150				
N-EtFOSE	40.3	2.15	"	42.9	ND	94.0	25-150				
N-EtFOSA	4.30	0.215	"	4.29	ND	100	25-150				
Surrogate: M3PFBS	*2.60*		*"*	*2.50*		*104*	*25-150*				
Surrogate: M5PFHxA	*2.98*		*"*	*2.68*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.43*		*"*	*2.68*		*90.6*	*25-150*				
Surrogate: M3PFHxS	*2.64*		*"*	*2.54*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.20*		*"*	*2.68*		*119*	*25-150*				
Surrogate: M6PFDA	*1.70*		*"*	*1.34*		*127*	*25-150*				
Surrogate: M7PFUdA	*1.27*		*"*	*1.34*		*95.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.17*		*"*	*1.34*		*87.2*	*25-150*				
Surrogate: M2PFTeDA	*0.933*		*"*	*1.34*		*69.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.56*		*"*	*10.7*		*61.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.63*		*"*	*2.57*		*141*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.45*		*"*	*5.36*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.84*		*"*	*2.68*		*143*	*10-150*				
Surrogate: d3-N-MeFOSAA	*9.34*		*"*	*5.36*		*174*	*25-150*				
Surrogate: d5-N-EtFOSAA	*10.7*		*"*	*5.36*		*200*	*25-150*				
Surrogate: M2-6:2 FTS	*21.0*		*"*	*5.10*		*411*	*25-200*				
Surrogate: M2-8:2 FTS	*17.6*		*"*	*5.15*		*342*	*25-200*				
Surrogate: M9PFNA	*1.60*		*"*	*1.34*		*119*	*25-150*				
Surrogate: M2-4:2 FTS	*29.2*		*"*	*5.03*		*580*	*25-150*				
Surrogate: d-N-MeFOSA	*2.29*		*"*	*2.68*		*85.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.97*		*"*	*2.68*		*73.5*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		*"*	*10.7*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.1*		*"*	*26.8*		*41.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*11.7*		*"*	*26.8*		*43.6*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
Matrix Spike Dup (BI41273-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/20/2024 Analyzed: 09/24/2024		
Perfluorobutanesulfonic acid (PFBS)	3.42	0.191	ug/kg dry	3.82	ND	89.4	25-150		3.58	35	
Perfluorohexanoic acid (PFHxA)	3.44	0.216	"	4.32	ND	79.6	25-150		7.56	35	
Perfluoroheptanoic acid (PFHpA)	4.92	0.216	"	4.32	ND	114	25-150		3.50	35	
Perfluorohexanesulfonic acid (PFHxS)	3.24	0.198	"	3.95	ND	82.1	25-150		0.215	35	
Perfluorooctanoic acid (PFOA)	3.36	0.216	"	4.32	ND	77.8	25-150		9.51	35	
Perfluorooctanesulfonic acid (PFOS)	3.29	0.201	"	4.02	ND	82.0	25-150		11.7	35	
Perfluorononanoic acid (PFNA)	3.63	0.216	"	4.32	ND	84.1	25-150		11.0	35	
Perfluorodecanoic acid (PFDA)	3.76	0.216	"	4.32	ND	87.2	25-150		10.1	35	
Perfluoroundecanoic acid (PFUnA)	4.13	0.216	"	4.32	ND	95.6	25-150		8.00	35	
Perfluorododecanoic acid (PFDoA)	4.11	0.216	"	4.32	ND	95.1	25-150		10.2	35	
Perfluorotridecanoic acid (PFTrDA)	4.22	0.216	"	4.32	ND	97.7	25-150		7.81	35	
Perfluorotetradecanoic acid (PFTA)	3.50	0.216	"	4.32	ND	81.1	25-150		14.7	35	
N-MeFOSAA	3.91	0.216	"	4.32	ND	90.5	25-150		5.43	35	
N-EtFOSAA	4.16	0.216	"	4.32	ND	96.4	25-150		5.67	35	
Perfluoropentanoic acid (PFPeA)	8.09	0.432	"	8.63	ND	93.7	25-150		2.90	35	
Perfluoro-1-octanesulfonamide (FOSA)	2.75	0.216	"	4.32	ND	63.7	25-150		1.76	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.46	0.216	"	4.12	ND	83.8	25-150		4.51	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.16	0.208	"	4.17	ND	75.9	25-150		9.72	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.5	0.820	"	16.4	ND	76.2	25-150		6.44	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.7	0.829	"	16.6	ND	89.0	25-150		3.07	35	
Perfluoro-n-butanoic acid (PFBA)	15.7	0.863	"	17.3	ND	90.7	25-150		0.955	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.83	0.384	"	7.68	ND	102	25-150		7.42	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.38	0.432	"	8.63	ND	73.9	25-150		11.3	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	7.30	0.432	"	8.63	ND	84.6	25-150		33.4	30	Non-dir.
Perfluoro-5-oxahexanoic acid (PFMBA)	7.97	0.432	"	8.63	ND	92.3	25-150		0.776	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.42	0.203	"	4.06	ND	84.3	25-150		0.240	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.6	0.810	"	16.2	ND	71.9	25-150		3.92	30	
HFPO-DA (Gen-X)	7.50	0.863	"	8.63	ND	86.8	25-150		10.8	30	
11CL-PF3OUdS	6.54	0.816	"	8.16	ND	80.2	25-150		1.66	30	
9CL-PF3ONS	7.23	0.807	"	8.07	ND	89.5	25-150		3.15	30	
ADONA	6.33	0.816	"	8.16	ND	77.6	25-150		3.26	30	
Perfluorododecanesulfonic acid (PFDoS)	2.13	0.209	"	4.19	ND	50.9	25-150		3.12	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	3.19	0.207	"	4.14	ND	77.0	25-150		12.7	30	
3-Perfluoropropyl propanoic acid (FPrPA)	19.4	1.08	"	17.3	ND	112	25-150		5.72	30	
3-Perfluoropentyl propanoic acid (FPePA)	89.9	5.40	"	86.3	ND	104	25-150		2.08	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	107	5.40	"	86.3	ND	124	25-150		4.23	30	
N-MeFOSE	40.3	2.16	"	43.2	ND	93.2	25-150		1.62	30	
N-MeFOSA	3.84	0.216	"	4.32	ND	89.0	25-150		6.20	30	
N-EtFOSE	42.6	2.16	"	43.2	ND	98.6	25-150		5.38	30	
N-EtFOSA	4.41	0.216	"	4.32	ND	102	25-150		2.35	30	
Surrogate: M3PFBS	*2.69*		"	*2.51*		*107*	*25-150*				
Surrogate: M5PFHxA	*3.01*		"	*2.70*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.53*		"	*2.70*		*93.6*	*25-150*				
Surrogate: M3PFHxS	*2.83*		"	*2.56*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.31*		"	*2.70*		*123*	*25-150*				
Surrogate: M6PFDA	*1.57*		"	*1.35*		*116*	*25-150*				
Surrogate: M7PFUdA	*1.17*		"	*1.35*		*87.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.01*		"	*1.35*		*75.0*	*25-150*				
Surrogate: M2PFTeDA	*0.932*		"	*1.35*		*69.1*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41273 - EPA 1633 Prep											
Matrix Spike Dup (BI41273-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)										Prepared: 09/20/2024 Analyzed: 09/24/2024
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.9*		*ug/kg dry*	*10.8*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.56*		*"*	*2.59*		*138*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.20*		*"*	*5.40*		*96.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.52*		*"*	*2.70*		*131*	*10-150*				
Surrogate: d3-N-MeFOSAA	*8.47*		*"*	*5.40*		*157*	*25-150*				
Surrogate: d5-N-EtFOSAA	*8.96*		*"*	*5.40*		*166*	*25-150*				
Surrogate: M2-6:2 FTS	*22.5*		*"*	*5.13*		*438*	*25-200*				
Surrogate: M2-8:2 FTS	*17.3*		*"*	*5.18*		*335*	*25-200*				
Surrogate: M9PFNA	*1.36*		*"*	*1.35*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*30.0*		*"*	*5.06*		*592*	*25-150*				
Surrogate: d-N-MeFOSA	*2.25*		*"*	*2.70*		*83.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.71*		*"*	*2.70*		*63.5*	*25-150*				
Surrogate: M3HFPO-DA	*12.5*		*"*	*10.8*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.90*		*"*	*27.0*		*36.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.5*		*"*	*27.0*		*38.9*	*25-150*				
Batch BI41554 - EPA 1633 Prep											
Blank (BI41554-BLK1) Blank											Prepared: 09/24/2024 Analyzed: 09/26/2024
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	0.259	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41554 - EPA 1633 Prep											
Blank (BI41554-BLK1) Blank									Prepared: 09/24/2024 Analyzed: 09/26/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*11.5*		"	*23.3*		*49.4*	*25-150*				
Surrogate: M5PFHxA	*17.9*		"	*25.0*		*71.7*	*25-150*				
Surrogate: M4PFHpA	*24.0*		"	*25.0*		*95.8*	*25-150*				
Surrogate: M3PFHxS	*27.1*		"	*23.7*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.4*		"	*25.0*		*138*	*25-150*				
Surrogate: M6PFDA	*17.1*		"	*12.5*		*137*	*25-150*				
Surrogate: M7PFUdA	*13.7*		"	*12.5*		*110*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.9*		"	*12.5*		*86.9*	*25-150*				
Surrogate: M2PFTeDA	*9.25*		"	*12.5*		*74.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.778*		"	*100*		*0.778*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*35.1*		"	*23.9*		*147*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.50*		"	*50.0*		*9.01*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*35.2*		"	*25.0*		*141*	*10-150*				
Surrogate: d3-N-MeFOSAA	*81.4*		"	*50.0*		*163*	*25-150*				
Surrogate: d5-N-EtFOSAA	*87.3*		"	*50.0*		*175*	*25-150*				
Surrogate: M2-6:2 FTS	*185*		"	*47.5*		*389*	*25-200*				
Surrogate: M2-8:2 FTS	*115*		"	*48.0*		*240*	*25-200*				
Surrogate: M9PFNA	*17.6*		"	*12.5*		*141*	*25-150*				
Surrogate: M2-4:2 FTS	*159*		"	*46.9*		*338*	*25-150*				
Surrogate: d-N-MeFOSA	*36.8*		"	*25.0*		*147*	*25-150*				
Surrogate: d-N-EtFOSA	*27.8*		"	*25.0*		*111*	*25-150*				
Surrogate: M3HFPO-DA	*81.1*		"	*100*		*81.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*145*		"	*250*		*58.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*137*		"	*250*		*54.8*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41554 - EPA 1633 Prep											
LCS (BI41554-BS1) LCS								Prepared: 09/24/2024 Analyzed: 09/26/2024			
Perfluorobutanesulfonic acid (PFBS)	32.0	1.77	ng/L	35.4		90.3	50-150				
Perfluorohexanoic acid (PFHxA)	35.7	2.00	"	40.0		89.3	50-150				
Perfluoroheptanoic acid (PFHpA)	47.3	2.00	"	40.0		118	50-150				
Perfluorohexanesulfonic acid (PFHxS)	33.9	1.83	"	36.6		92.6	50-150				
Perfluorooctanoic acid (PFOA)	35.2	2.00	"	40.0		88.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	36.7	1.86	"	37.2		98.7	50-150				
Perfluorononanoic acid (PFNA)	30.4	2.00	"	40.0		76.0	50-150				
Perfluorodecanoic acid (PFDA)	30.1	2.00	"	40.0		75.3	50-150				
Perfluoroundecanoic acid (PFUnA)	37.4	2.00	"	40.0		93.4	50-150				
Perfluorododecanoic acid (PFDoA)	45.2	2.00	"	40.0		113	50-150				
Perfluorotridecanoic acid (PFTrDA)	45.5	2.00	"	40.0		114	50-150				
Perfluorotetradecanoic acid (PFTA)	37.6	2.00	"	40.0		93.9	50-150				
N-MeFOSAA	41.4	2.00	"	40.0		103	50-150				
N-EtFOSAA	40.5	2.00	"	40.0		101	50-150				
Perfluoropentanoic acid (PFPeA)	80.5	4.00	"	80.0		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	34.8	2.00	"	40.0		87.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	41.6	1.91	"	38.2		109	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	33.3	1.93	"	38.6		86.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	135	7.60	"	152		88.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	146	7.68	"	154		95.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	80.6	8.00	"	160		50.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	80.2	3.56	"	71.2		113	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	56.0	4.00	"	80.0		70.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.94	4.00	"	80.0		6.18	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	177	4.00	"	80.0		221	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	31.0	1.88	"	37.6		82.5	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	121	7.50	"	150		80.5	50-150				
HFPO-DA (Gen-X)	88.4	8.00	"	80.0		110	50-150				
11CL-PF3OUdS	109	7.56	"	75.6		145	50-150				
9CL-PF3ONS	131	7.48	"	74.8		175	50-150	High Bias			
ADONA	105	7.56	"	75.6		138	50-150				
Perfluorododecanesulfonic acid (PFDoS)	21.0	1.94	"	38.8		54.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	41.5	1.92	"	38.4		108	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	95.1	5.00	"	160		59.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1270	25.0	"	800		159	50-150	High Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	1610	25.0	"	800		201	50-150	High Bias			
N-MeFOSE	424	20.0	"	400		106	50-150				
N-MeFOSA	39.2	2.00	"	40.0		97.9	50-150				
N-EtFOSE	394	20.0	"	400		98.6	50-150				
N-EtFOSA	47.4	2.00	"	40.0		118	50-150				
Surrogate: M3PFBS	*14.0*		"	*23.3*		*60.1*	*25-150*				
Surrogate: M5PFHxA	*18.4*		"	*25.0*		*73.7*	*25-150*				
Surrogate: M4PFHpA	*21.4*		"	*25.0*		*85.5*	*25-150*				
Surrogate: M3PFHxS	*24.3*		"	*23.7*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.4*		"	*25.0*		*114*	*25-150*				
Surrogate: M6PFDA	*17.9*		"	*12.5*		*143*	*25-150*				
Surrogate: M7PFUdA	*14.1*		"	*12.5*		*113*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.4*		"	*12.5*		*91.6*	*25-150*				
Surrogate: M2PFTeDA	*9.63*		"	*12.5*		*77.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41554 - EPA 1633 Prep											
LCS (BI41554-BS1) LCS								Prepared: 09/24/2024 Analyzed: 09/26/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.844*		*ng/L*	*100*		*0.844*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.2*		*"*	*23.9*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.12*		*"*	*50.0*		*12.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.9*		*"*	*25.0*		*124*	*10-150*				
Surrogate: d3-N-MeFOSAA	*68.7*		*"*	*50.0*		*138*	*25-150*				
Surrogate: d5-N-EtFOSAA	*71.5*		*"*	*50.0*		*143*	*25-150*				
Surrogate: M2-6:2 FTS	*156*		*"*	*47.5*		*328*	*25-200*				
Surrogate: M2-8:2 FTS	*112*		*"*	*48.0*		*232*	*25-200*				
Surrogate: M9PFNA	*14.7*		*"*	*12.5*		*117*	*25-150*				
Surrogate: M2-4:2 FTS	*165*		*"*	*46.9*		*353*	*25-150*				
Surrogate: d-N-MeFOSA	*25.2*		*"*	*25.0*		*101*	*25-150*				
Surrogate: d-N-EtFOSA	*22.2*		*"*	*25.0*		*88.9*	*25-150*				
Surrogate: M3HFPO-DA	*75.2*		*"*	*100*		*75.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*112*		*"*	*250*		*44.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*108*		*"*	*250*		*43.2*	*25-150*				
LCS (BI41554-BS2) LCS								Prepared: 09/24/2024 Analyzed: 09/26/2024			
Perfluorobutanesulfonic acid (PFBS)	6.00	1.77	ng/L	7.08		84.7	50-150				
Perfluorohexanoic acid (PFHxA)	6.56	2.00	"	8.00		82.0	50-150				
Perfluoroheptanoic acid (PFHpA)	8.34	2.00	"	8.00		104	50-150				
Perfluorohexanesulfonic acid (PFHxS)	6.64	1.83	"	7.32		90.7	50-150				
Perfluorooctanoic acid (PFOA)	7.36	2.00	"	8.00		92.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	5.98	1.86	"	7.44		80.4	50-150				
Perfluorononanoic acid (PFNA)	6.03	2.00	"	8.00		75.4	50-150				
Perfluorodecanoic acid (PFDA)	5.63	2.00	"	8.00		70.4	50-150				
Perfluoroundecanoic acid (PFUnA)	6.77	2.00	"	8.00		84.6	50-150				
Perfluorododecanoic acid (PFDoA)	7.09	2.00	"	8.00		88.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	6.96	2.00	"	8.00		87.0	50-150				
Perfluorotetradecanoic acid (PFTA)	5.91	2.00	"	8.00		73.9	50-150				
N-MeFOSAA	8.03	2.00	"	8.00		100	50-150				
N-EtFOSAA	7.72	2.00	"	8.00		96.5	50-150				
Perfluoropentanoic acid (PFPeA)	16.2	4.00	"	16.0		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.11	2.00	"	8.00		88.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.48	1.91	"	7.64		84.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.74	1.93	"	7.72		74.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	26.4	7.60	"	30.4		86.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	28.0	7.68	"	30.7		91.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	26.8	8.00	"	32.0		83.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.8	3.56	"	14.2		111	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.8	4.00	"	16.0		67.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.06	4.00	"	16.0		6.60	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	42.0	4.00	"	16.0		263	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	5.34	1.88	"	7.52		70.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	22.9	7.50	"	30.0		76.5	50-150				
HFPO-DA (Gen-X)	19.5	8.00	"	16.0		122	50-150				
11CL-PF3OUdS	22.2	7.56	"	15.1		147	50-150				
9CL-PF3ONS	25.3	7.48	"	15.0		169	50-150	High Bias			
ADONA	20.6	7.56	"	15.1		136	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41554 - EPA 1633 Prep											
LCS (BI41554-BS2) LCS								Prepared: 09/24/2024 Analyzed: 09/26/2024			
Perfluorododecanesulfonic acid (PFDoS)	3.86	1.94	ng/L	7.76		49.8	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	6.73	1.92	"	7.68		87.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	19.3	5.00	"	32.0		60.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	277	25.0	"	160		173	50-150	High Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	352	25.0	"	160		220	50-150	High Bias			
N-MeFOSE	76.7	20.0	"	80.0		95.9	50-150				
N-MeFOSA	6.66	2.00	"	8.00		83.2	50-150				
N-EtFOSE	73.1	20.0	"	80.0		91.4	50-150				
N-EtFOSA	8.37	2.00	"	8.00		105	50-150				
Surrogate: M3PFBS	*11.9*		"	*23.3*		*51.2*	*25-150*				
Surrogate: M5PFHxA	*18.0*		"	*25.0*		*72.0*	*25-150*				
Surrogate: M4PFHpA	*24.3*		"	*25.0*		*97.0*	*25-150*				
Surrogate: M3PFHxS	*26.4*		"	*23.7*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.0*		"	*25.0*		*124*	*25-150*				
Surrogate: M6PFDA	*17.9*		"	*12.5*		*143*	*25-150*				
Surrogate: M7PFUdA	*12.8*		"	*12.5*		*102*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.0*		"	*12.5*		*96.0*	*25-150*				
Surrogate: M2PFTeDA	*10.8*		"	*12.5*		*86.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.707*		"	*100*		*0.707*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*36.3*		"	*23.9*		*152*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.83*		"	*50.0*		*7.67*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*33.5*		"	*25.0*		*134*	*10-150*				
Surrogate: d3-N-MeFOSAA	*77.0*		"	*50.0*		*154*	*25-150*				
Surrogate: d5-N-EtFOSAA	*84.1*		"	*50.0*		*168*	*25-150*				
Surrogate: M2-6:2 FTS	*164*		"	*47.5*		*346*	*25-200*				
Surrogate: M2-8:2 FTS	*111*		"	*48.0*		*230*	*25-200*				
Surrogate: M9PFNA	*15.7*		"	*12.5*		*126*	*25-150*				
Surrogate: M2-4:2 FTS	*158*		"	*46.9*		*338*	*25-150*				
Surrogate: d-N-MeFOSA	*33.9*		"	*25.0*		*136*	*25-150*				
Surrogate: d-N-EtFOSA	*25.6*		"	*25.0*		*102*	*25-150*				
Surrogate: M3HFPO-DA	*81.5*		"	*100*		*81.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*125*		"	*250*		*50.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*129*		"	*250*		*51.5*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41554 - EPA 1633 Prep											
Duplicate (BI41554-DUP1) Duplicate	*Source sample: 24I1064-02 (EB_09172024)								Prepared: 09/24/2024 Analyzed: 09/26/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.76	ng/L		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	1.99	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	1.99	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	1.82	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	1.99	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	1.85	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	1.99	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	1.99	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	1.99	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	1.99	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	1.99	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	1.99	"		ND					30	
N-MeFOSAA	ND	1.99	"		ND					30	
N-EtFOSAA	ND	1.99	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	3.98	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.99	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.90	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.92	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.55	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.63	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	7.95	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.54	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.98	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.98	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.98	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.87	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.46	"		ND					30	
HFPO-DA (Gen-X)	ND	7.95	"		ND					30	
11CL-PF3OUdS	ND	7.51	"		ND					30	
9CL-PF3ONS	ND	7.44	"		ND					30	
ADONA	ND	7.51	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	1.93	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.91	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	4.97	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	24.9	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	24.9	"		ND					30	
N-MeFOSE	ND	19.9	"		ND					30	
N-MeFOSA	ND	1.99	"		ND					30	
N-EtFOSE	ND	19.9	"		ND					30	
N-EtFOSA	ND	1.99	"		ND					30	
Surrogate: M3PFBS	*16.6*		*"*	*23.2*		*71.5*	*25-150*				
Surrogate: M5PFHxA	*24.6*		*"*	*24.9*		*99.0*	*25-150*				
Surrogate: M4PFHpA	*24.8*		*"*	*24.9*		*99.6*	*25-150*				
Surrogate: M3PFHxS	*28.4*		*"*	*23.6*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.4*		*"*	*24.9*		*130*	*25-150*				
Surrogate: M6PFDA	*20.1*		*"*	*12.4*		*162*	*25-150*				
Surrogate: M7PFUdA	*19.2*		*"*	*12.4*		*155*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.3*		*"*	*12.4*		*139*	*25-150*				
Surrogate: M2PFTeDA	*11.7*		*"*	*12.4*		*93.8*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41554 - EPA 1633 Prep											
Duplicate (BI41554-DUP1) Duplicate	*Source sample: 24I1064-02 (EB_09172024)								Prepared: 09/24/2024 Analyzed: 09/26/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.913*		*ng/L*	*99.4*		*0.919*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*38.2*		*"*	*23.8*		*160*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*9.64*		*"*	*49.7*		*19.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*35.4*		*"*	*24.9*		*142*	*10-150*				
Surrogate: d3-N-MeFOSAA	*73.2*		*"*	*49.7*		*147*	*25-150*				
Surrogate: d5-N-EtFOSAA	*79.8*		*"*	*49.7*		*160*	*25-150*				
Surrogate: M2-6:2 FTS	*212*		*"*	*47.3*		*448*	*25-200*				
Surrogate: M2-8:2 FTS	*121*		*"*	*47.7*		*253*	*25-200*				
Surrogate: M9PFNA	*16.6*		*"*	*12.4*		*134*	*25-150*				
Surrogate: M2-4:2 FTS	*227*		*"*	*46.6*		*487*	*25-150*				
Surrogate: d-N-MeFOSA	*36.8*		*"*	*24.9*		*148*	*25-150*				
Surrogate: d-N-EtFOSA	*25.5*		*"*	*24.9*		*103*	*25-150*				
Surrogate: M3HFPO-DA	*109*		*"*	*99.4*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*126*		*"*	*249*		*50.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*121*		*"*	*249*		*48.9*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41337 - EPA 3545A											
Blank (BI41337-BLK1) Blank									Prepared: 09/22/2024 Analyzed: 09/23/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0392*		*"*	*0.0664*		*59.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0517*		*"*	*0.0664*		*77.8*	*30-150*				
LCS (BI41337-BS1) LCS									Prepared: 09/22/2024 Analyzed: 09/23/2024		
4,4'-DDD	0.0298	0.00164	mg/kg wet	0.0332		89.6	40-140				
4,4'-DDE	0.0301	0.00164	"	0.0332		90.7	40-140				
4,4'-DDT	0.0345	0.00164	"	0.0332		104	40-140				
Aldrin	0.0272	0.00164	"	0.0332		82.0	40-140				
alpha-BHC	0.0310	0.00164	"	0.0332		93.3	40-140				
alpha-Chlordane	0.0288	0.00164	"	0.0332		86.7	40-140				
beta-BHC	0.0363	0.00164	"	0.0332		109	40-140				
delta-BHC	0.0316	0.00164	"	0.0332		95.1	40-140				
Dieldrin	0.0294	0.00164	"	0.0332		88.6	40-140				
Endosulfan I	0.0301	0.00164	"	0.0332		90.6	40-140				
Endosulfan II	0.0322	0.00164	"	0.0332		96.8	40-140				
Endosulfan sulfate	0.0315	0.00164	"	0.0332		94.9	40-140				
Endrin	0.0306	0.00164	"	0.0332		92.0	40-140				
Endrin aldehyde	0.0343	0.00164	"	0.0332		103	40-140				
Endrin ketone	0.0323	0.00164	"	0.0332		97.3	40-140				
gamma-BHC (Lindane)	0.0307	0.00164	"	0.0332		92.3	40-140				
gamma-Chlordane	0.0285	0.00164	"	0.0332		85.8	40-140				
Heptachlor	0.0290	0.00164	"	0.0332		87.2	40-140				
Heptachlor epoxide	0.0295	0.00164	"	0.0332		88.7	40-140				
Methoxychlor	0.0356	0.00164	"	0.0332		107	40-140				
Surrogate: Decachlorobiphenyl	*0.0435*		*"*	*0.0664*		*65.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0522*		*"*	*0.0664*		*78.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41337 - EPA 3545A											
Matrix Spike (BI41337-MS1) Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/22/2024 Analyzed: 09/23/2024			
4,4'-DDD	0.0281	0.00177	mg/kg dry	0.0358	ND	78.4	30-150				
4,4'-DDE	0.0279	0.00177	"	0.0358	ND	78.0	30-150				
4,4'-DDT	0.0342	0.00177	"	0.0358	ND	95.5	30-150				
Aldrin	0.0296	0.00177	"	0.0358	ND	82.6	30-150				
alpha-BHC	0.108	0.00177	"	0.0358	ND	301	30-150	High Bias			
alpha-Chlordane	0.0272	0.00177	"	0.0358	ND	76.0	30-150				
beta-BHC	0.0380	0.00177	"	0.0358	ND	106	30-150				
delta-BHC	0.0344	0.00177	"	0.0358	ND	96.2	30-150				
Dieldrin	0.0279	0.00177	"	0.0358	ND	78.0	30-150				
Endosulfan I	0.0285	0.00177	"	0.0358	ND	79.5	30-150				
Endosulfan II	0.0301	0.00177	"	0.0358	ND	84.0	30-150				
Endosulfan sulfate	0.0296	0.00177	"	0.0358	ND	82.6	30-150				
Endrin	0.0287	0.00177	"	0.0358	ND	80.1	30-150				
Endrin aldehyde	0.0330	0.00177	"	0.0358	ND	92.2	30-150				
Endrin ketone	0.0307	0.00177	"	0.0358	ND	85.7	30-150				
gamma-BHC (Lindane)	0.0315	0.00177	"	0.0358	ND	88.1	30-150				
gamma-Chlordane	0.0278	0.00177	"	0.0358	ND	77.6	30-150				
Heptachlor	0.0294	0.00177	"	0.0358	ND	82.2	30-150				
Heptachlor epoxide	0.0281	0.00177	"	0.0358	ND	78.4	30-150				
Methoxychlor	0.0346	0.00177	"	0.0358	ND	96.7	30-150				
Surrogate: Decachlorobiphenyl	*0.0429*		*"*	*0.0716*		*59.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0670*		*"*	*0.0716*		*93.5*	*30-150*				
Matrix Spike Dup (BI41337-M Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/22/2024 Analyzed: 09/23/2024			
4,4'-DDD	0.0353	0.00177	mg/kg dry	0.0358	ND	98.7	30-150		22.9	30	
4,4'-DDE	0.0344	0.00177	"	0.0358	ND	96.0	30-150		20.7	30	
4,4'-DDT	0.0409	0.00177	"	0.0358	ND	114	30-150		17.8	30	
Aldrin	0.0388	0.00177	"	0.0358	ND	108	30-150		27.1	30	
alpha-BHC	0.187	0.00177	"	0.0358	ND	522	30-150	High Bias	53.7	30	Non-dir.
alpha-Chlordane	0.0330	0.00177	"	0.0358	ND	92.2	30-150		19.2	30	
beta-BHC	0.0468	0.00177	"	0.0358	ND	131	30-150		20.6	30	
delta-BHC	0.0425	0.00177	"	0.0358	ND	119	30-150		20.9	30	
Dieldrin	0.0340	0.00177	"	0.0358	ND	94.9	30-150		19.6	30	
Endosulfan I	0.0346	0.00177	"	0.0358	ND	96.6	30-150		19.4	30	
Endosulfan II	0.0369	0.00177	"	0.0358	ND	103	30-150		20.3	30	
Endosulfan sulfate	0.0361	0.00177	"	0.0358	ND	101	30-150		19.9	30	
Endrin	0.0351	0.00177	"	0.0358	ND	98.1	30-150		20.1	30	
Endrin aldehyde	0.0394	0.00177	"	0.0358	ND	110	30-150		17.6	30	
Endrin ketone	0.0371	0.00177	"	0.0358	ND	103	30-150		18.8	30	
gamma-BHC (Lindane)	0.0391	0.00177	"	0.0358	ND	109	30-150		21.3	30	
gamma-Chlordane	0.0337	0.00177	"	0.0358	ND	94.1	30-150		19.2	30	
Heptachlor	0.0377	0.00177	"	0.0358	ND	105	30-150		24.7	30	
Heptachlor epoxide	0.0340	0.00177	"	0.0358	ND	95.0	30-150		19.1	30	
Methoxychlor	0.0404	0.00177	"	0.0358	ND	113	30-150		15.4	30	
Surrogate: Decachlorobiphenyl	*0.0568*		*"*	*0.0716*		*79.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0661*		*"*	*0.0716*		*92.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S4H0931 - BG41963											
Performance Mix (S4H0931-P PEST											Prepared & Analyzed: 08/08/2024
4,4'-DDD	2.82		ng/mL	0.00			0-200				
4,4'-DDE	0.496		"	0.00			0-200				
4,4'-DDT	211		"	200		105	0-200				
Endrin	108		"	100		108	0-200				
Endrin aldehyde	0.804		"	0.00			0-200				
Endrin ketone	3.05		"	0.00			0-200				
Batch S4H0936 - BF42064											
Performance Mix (S4H0936-P PEST											Prepared & Analyzed: 07/03/2024
4,4'-DDD	2.08		ng/mL	0.00			0-200				
4,4'-DDE	0.631		"	0.00			0-200				
4,4'-DDT	182		"	200		91.2	0-200				
Endrin	96.2		"	100		96.2	0-200				
Endrin aldehyde	1.46		"	0.00			0-200				
Endrin ketone	1.93		"	0.00			0-200				
Batch S4I0344 - BH42002											
Performance Mix (S4I0344-PI PEST											Prepared & Analyzed: 09/03/2024
4,4'-DDD	9.38		ng/mL	0.00			0-200				
4,4'-DDE	5.65		"	0.00			0-200				
4,4'-DDT	263		"	200		131	0-200				
Endrin	148		"	100		148	0-200				
Endrin aldehyde	4.35		"	0.00			0-200				
Endrin ketone	6.79		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S4I2341 - BI41421											
Performance Mix (S4I2341-PI PEST								Prepared & Analyzed: 09/23/2024			
4,4'-DDD	5.74		ng/mL	0.00			0-200				
4,4'-DDE	4.61		"	0.00			0-200				
4,4'-DDT	208		"	200		104	0-200				
Endrin	118		"	100		118	0-200				
Endrin aldehyde	5.34		"	0.00			0-200				
Endrin ketone	6.31		"	0.00			0-200				
Performance Mix (S4I2341-PI PEST								Prepared & Analyzed: 09/23/2024			
4,4'-DDD	6.90		ng/mL	0.00			0-200				
4,4'-DDE	10.6		"	0.00			0-200				
4,4'-DDT	235		"	200		118	0-200				
Endrin	132		"	100		132	0-200				
Endrin aldehyde	4.61		"	0.00			0-200				
Endrin ketone	5.73		"	0.00			0-200				
Batch S4I2344 - BI41337											
Performance Mix (S4I2344-PI PEST								Prepared & Analyzed: 09/23/2024			
4,4'-DDD	4.63		ng/mL	0.00			0-200				
4,4'-DDE	2.13		"	0.00			0-200				
4,4'-DDT	202		"	200		101	0-200				
Endrin	104		"	100		104	0-200				
Endrin aldehyde	3.12		"	0.00			0-200				
Endrin ketone	4.67		"	0.00			0-200				
Performance Mix (S4I2344-PI PEST								Prepared & Analyzed: 09/23/2024			
4,4'-DDD	10.4		ng/mL	0.00			0-200				
4,4'-DDE	2.36		"	0.00			0-200				
4,4'-DDT	234		"	200		117	0-200				
Endrin	123		"	100		123	0-200				
Endrin aldehyde	6.27		"	0.00			0-200				
Endrin ketone	9.82		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41337 - EPA 3545A											
Blank (BI41337-BLK2) Blank								Prepared & Analyzed: 09/22/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0664*		*82.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0415*		*"*	*0.0664*		*62.5*	*30-120*				
LCS (BI41337-BS2) LCS								Prepared & Analyzed: 09/22/2024			
Aroclor 1016	0.294	0.0166	mg/kg wet	0.332		88.5	40-130				
Aroclor 1260	0.321	0.0166	"	0.332		96.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0548*		*"*	*0.0664*		*82.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0435*		*"*	*0.0664*		*65.5*	*30-120*				
Matrix Spike (BI41337-MS2) Matrix Spike *Source sample: 24I1064-01 (PE51_20)								Prepared & Analyzed: 09/22/2024			
Aroclor 1016	0.280	0.0179	mg/kg dry	0.358	ND	78.3	40-140				
Aroclor 1260	0.309	0.0179	"	0.358	ND	86.3	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0577*		*"*	*0.0716*		*80.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0462*		*"*	*0.0716*		*64.5*	*30-120*				
Matrix Spike Dup (BI41337-M Matrix Spike Dup *Source sample: 24I1064-01 (PE51_20)								Prepared & Analyzed: 09/22/2024			
Aroclor 1016	0.256	0.0179	mg/kg dry	0.358	ND	71.5	40-140		9.04	50	
Aroclor 1260	0.280	0.0179	"	0.358	ND	78.2	40-140		9.89	50	
Surrogate: Tetrachloro-m-xylene	*0.0577*		*"*	*0.0716*		*80.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0430*		*"*	*0.0716*		*60.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S4I2327 - BI41225											
Aroclor Reference (S4I2327-A Aroclor Reference									Prepared & Analyzed: 09/22/2024		
Surrogate: Tetrachloro-m-xylene	*0.238*		*ug/mL*	*0.200*		*119*					
Surrogate: Decachlorobiphenyl	*0.254*		*"*	*0.200*		*127*					

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41336 - EPA 3550C/8151A											
Blank (BI41336-BLK1) Blank									Prepared: 09/22/2024 Analyzed: 09/23/2024		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.336*		*"*	*0.417*		*80.6*	*21-150*				
LCS (BI41336-BS1) LCS									Prepared: 09/22/2024 Analyzed: 09/23/2024		
2,4,5-T	0.0567	0.0200	mg/kg wet	0.0667		85.0	10-120				
2,4,5-TP (Silvex)	0.0533	0.0200	"	0.0667		80.0	10-120				
2,4-D	0.0558	0.0200	"	0.0667		83.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.330*		*"*	*0.417*		*79.2*	*21-150*				
Matrix Spike (BI41336-MS1) Matrix Spike *Source sample: 24I1064-01 (PE51_20)									Prepared: 09/22/2024 Analyzed: 09/23/2024		
2,4,5-T	0.0451	0.0216	mg/kg dry	0.0721	ND	62.5	10-120				
2,4,5-TP (Silvex)	0.0478	0.0216	"	0.0721	ND	66.2	10-120				
2,4-D	0.0532	0.0216	"	0.0721	ND	73.7	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.316*		*"*	*0.451*		*70.2*	*21-150*				
Matrix Spike Dup (BI41336-M Matrix Spike Dup *Source sample: 24I1064-01 (PE51_20)									Prepared: 09/22/2024 Analyzed: 09/23/2024		
2,4,5-T	0.0775	0.0216	mg/kg dry	0.0721	ND	108	10-120		52.9	35	Non-dir.
2,4,5-TP (Silvex)	0.0703	0.0216	"	0.0721	ND	97.5	10-120		38.2	35	Non-dir.
2,4-D	0.0748	0.0216	"	0.0721	ND	104	10-118		33.8	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.352*		*"*	*0.451*		*78.2*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41243 - EPA 3050B											
Blank (BI41243-BLK1) Blank									Prepared: 09/19/2024 Analyzed: 09/23/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BI41243-DUP1) Duplicate	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/19/2024 Analyzed: 09/23/2024		
Aluminum	5040	4.51	mg/kg dry		5510				8.90	35	
Antimony	ND	2.25	"		ND					35	
Arsenic	4.15	1.35	"		2.44				51.9	35	Non-dir.
Barium	67.3	2.25	"		55.4				19.3	35	
Beryllium	0.162	0.045	"		0.171				5.41	35	
Cadmium	ND	0.270	"		0.270					35	
Calcium	2540	4.51	"		2700				6.02	35	
Chromium	9.65	0.451	"		12.8				27.9	35	
Cobalt	6.35	0.360	"		6.19				2.59	35	
Copper	32.3	1.80	"		23.6				31.0	35	
Iron	14900	22.5	"		15800				6.15	35	
Lead	76.1	0.451	"		65.9				14.4	35	
Magnesium	1830	4.51	"		2240				20.0	35	
Manganese	178	0.451	"		196				9.76	35	
Nickel	18.4	0.898	"		20.2				8.83	35	
Potassium	354	4.51	"		427				18.4	35	
Selenium	ND	2.25	"		ND					35	
Silver	ND	0.454	"		ND					35	
Sodium	114	45.1	"		113				1.31	35	
Thallium	ND	2.25	"		ND					35	
Vanadium	14.3	0.898	"		15.9				10.0	35	
Zinc	88.0	2.24	"		79.0				10.8	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41243 - EPA 3050B											
Matrix Spike (BI41243-MS1) Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/19/2024 Analyzed: 09/23/2024			
Aluminum	5470	4.51	mg/kg dry	180	5510	NR	75-125	Low Bias			
Antimony	9.25	2.25	"	22.5	ND	41.0	75-125	Low Bias			
Arsenic	184	1.35	"	180	2.44	101	75-125				
Barium	254	2.25	"	180	55.4	110	75-125				
Beryllium	4.80	0.045	"	4.51	0.171	103	75-125				
Cadmium	4.67	0.270	"	4.51	0.270	97.6	75-125				
Calcium	2770	4.51	"	90.1	2700	85.0	75-125				
Chromium	29.4	0.451	"	18.0	12.8	92.0	75-125				
Cobalt	53.8	0.360	"	45.1	6.19	106	75-125				
Copper	48.5	1.80	"	22.5	23.6	111	75-125				
Iron	15600	22.5	"	90.1	15800	NR	75-125	Low Bias			
Lead	120	0.451	"	45.1	65.9	120	75-125				
Magnesium	2590	4.51	"	90.1	2240	391	75-125	High Bias			
Manganese	248	0.451	"	45.1	196	114	75-125				
Nickel	68.3	0.898	"	45.1	20.2	107	75-125				
Potassium	529	4.51	"	90.1	427	114	75-125				
Selenium	173	2.25	"	180	ND	96.2	75-125				
Silver	4.79	0.454	"	4.51	ND	106	75-125				
Sodium	210	45.1	"	90.1	113	108	75-125				
Thallium	187	2.25	"	180	ND	104	75-125				
Vanadium	63.3	0.898	"	45.1	15.9	105	75-125				
Zinc	120	2.24	"	45.1	79.0	90.8	75-125				
Post Spike (BI41243-PS1) Post Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/19/2024 Analyzed: 09/23/2024			
Aluminum	61.0		ug/mL	2.00	61.2	NR	75-125	Low Bias			
Antimony	0.249		"	0.250	-0.012	99.8	75-125				
Arsenic	2.00		"	2.00	0.027	98.7	75-125				
Barium	2.66		"	2.00	0.615	102	75-125				
Beryllium	0.052		"	0.0500	0.002	100	75-125				
Cadmium	0.052		"	0.0500	0.003	97.4	75-125				
Calcium	29.8		"	1.00	29.9	NR	75-125	Low Bias			
Chromium	0.341		"	0.200	0.142	99.6	75-125				
Cobalt	0.579		"	0.500	0.069	102	75-125				
Copper	0.532		"	0.250	0.262	108	75-125				
Iron	175		"	1.00	176	NR	75-125	Low Bias			
Lead	1.20		"	0.500	0.731	93.9	75-125				
Magnesium	24.9		"	1.00	24.8	3.89	75-125	Low Bias			
Manganese	2.65		"	0.500	2.18	94.4	75-125				
Nickel	0.729		"	0.500	0.224	101	75-125				
Potassium	5.57		"	1.00	4.73	84.2	75-125				
Selenium	1.92		"	2.00	0.012	95.4	75-125				
Silver	0.052		"	0.0500	0.001	103	75-125				
Sodium	2.19		"	1.00	1.25	93.7	75-125				
Thallium	2.04		"	2.00	-0.017	102	75-125				
Vanadium	0.680		"	0.500	0.176	101	75-125				
Zinc	1.34		"	0.500	0.876	92.5	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41243 - EPA 3050B											
Reference (BI41243-SRM1) Reference											Prepared: 09/19/2024 Analyzed: 09/23/2024
Aluminum	6050	4.17	mg/kg wet	7680		78.8	35.7-119				
Antimony	62.2	2.08	"	244		25.5	0-99.5				
Arsenic	230	1.25	"	283		81.4	69.9-101.4				
Barium	285	2.08	"	326		87.4	73.9-107.1				
Beryllium	162	0.042	"	175		92.8	75.4-107.4				
Cadmium	81.6	0.250	"	95.8		85.1	72.3-103.7				
Calcium	4910	4.17	"	5470		89.8	79.5-113.2				
Chromium	209	0.417	"	239		87.4	72.4-106.3				
Cobalt	136	0.333	"	150		90.5	76-107.3				
Copper	204	1.67	"	217		94.1	74.7-105.1				
Iron	6390	20.8	"	7360		86.8	53-127.9				
Lead	185	0.417	"	210		87.9	75.7-109.5				
Magnesium	1860	4.17	"	2080		89.4	67.3-111.1				
Manganese	248	0.417	"	290		85.4	73.4-108.3				
Nickel	294	0.830	"	329		89.3	74.5-106.7				
Potassium	1750	4.17	"	2330		75.1	60.9-111.6				
Selenium	252	2.08	"	281		89.7	77.6-116.7				
Silver	74.4	0.420	"	82.7		90.0	73.7-111.7				
Sodium	376	41.7	"	427		88.1	71.2-118.7				
Thallium	110	2.08	"	123		89.7	70.2-104.8				
Vanadium	165	0.830	"	192		85.9	68.8-107.8				
Zinc	218	2.08	"	260		84.0	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41244 - EPA 7473 soil											
Blank (BI41244-BLK1) Blank									Prepared: 09/19/2024 Analyzed: 09/20/2024		
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BI41244-DUP1) Duplicate	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/19/2024 Analyzed: 09/20/2024		
Mercury	0.0602	0.0324	mg/kg dry		0.0633				4.90	35	
Matrix Spike (BI41244-MS1) Matrix Spike	*Source sample: 24I1064-01 (PE51_20)								Prepared: 09/19/2024 Analyzed: 09/20/2024		
Mercury	0.589		mg/kg	0.500	0.0585	106	75-125				
Reference (BI41244-SRM1) Reference									Prepared: 09/19/2024 Analyzed: 09/20/2024		
Mercury	14.594		mg/kg	18.2		80.2	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41082 - Analysis Preparation Soil												
Blank (BI41082-BLK1)	Blank								Prepared & Analyzed: 09/18/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BI41082-DUP1)	Duplicate	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
Cyanide, total		ND	0.541	mg/kg dry		ND					15	
Matrix Spike (BI41082-MS1)	Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
Cyanide, total		5.25	0.541	mg/kg dry	5.41	ND	97.0	79.6-107				
Matrix Spike Dup (BI41082-M	Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
Cyanide, total		5.30	0.541	mg/kg dry	5.41	ND	98.0	79.6-107		1.03	200	
Reference (BI41082-SRM1)	Reference								Prepared & Analyzed: 09/18/2024			
Cyanide, total		63.7		ug/mL	59.7		107	38.5-161.4				
Batch BI41142 - EPA SW846-3060												
Blank (BI41142-BLK1)	Blank								Prepared: 09/18/2024 Analyzed: 09/19/2024			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BI41142-DUP1)	Duplicate	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/18/2024 Analyzed: 09/19/2024			
Chromium, Hexavalent		ND	0.541	mg/kg dry		ND					35	
Matrix Spike (BI41142-MS1)	Matrix Spike	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/18/2024 Analyzed: 09/19/2024			
Chromium, Hexavalent		ND	0.541	mg/kg dry	21.6	ND		75-125	Low Bias			
Matrix Spike Dup (BI41142-M	Matrix Spike Dup	*Source sample: 24I1064-01 (PE51_20)							Prepared: 09/18/2024 Analyzed: 09/19/2024			
Chromium, Hexavalent		ND	0.541	mg/kg dry	21.6	ND		75-125	Low Bias		200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41142 - EPA SW846-3060											
Reference (BI41142-SRM1) Reference									Prepared: 09/18/2024 Analyzed: 09/19/2024		
Chromium, Hexavalent	152		mg/L	227		66.8	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41088 - % Solids Prep											
Duplicate (BI41088-DUP1) Duplicate	*Source sample: 24I1064-01 (PE51_20)							Prepared & Analyzed: 09/18/2024			
% Solids	94.1	0.100	%		92.5				1.72	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I1064-01	PE51_20	40mL Vial with Stir Bar-Cool 4° C
24I1064-03	TB_09172024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24I1054

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kotz	Contact:
E-mail: lkotz@langan.com	E-mail:

YOUR Project Name / Number: 100688807 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp.
PES1-20	9/17	1200	S	9									3	X	X	X	X	X	X	X	X	X	G/C
EB-09172024	9/17	1400	AQ	2																	X		
TB-09172024					2									X									

Comments: Extra volume provided for MS/MSD for PES1-20

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Daniel Horvath/Langan 9/17/24 1440	1. Samples Received by / Company: 9/17/24 1420	2. Samples Relinquished by / Company: 9/17/24 15:56
2. Samples Received by / Company: 9/17/24 15:56 6.3	3. Samples Relinquished by / Company: 9/17/24 1800	3. Samples Received by / Company: 9/17/24 1700
3. Samples Relinquished by / Company: 9/17/24	4. Samples Received by / Company:	Samples Received in LAB by: 9/17/24 20:50 Temperature: 3.10 degrees C

20:50

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/03/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I1448

Report Date: 10/03/2024
Client Project ID: 100688801
York Project (SDG) No.: 24I1448

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 24, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24I1448-01	PE35_20.5	Soil	09/24/2024	09/24/2024
24I1448-02	PE36_20	Soil	09/24/2024	09/24/2024
24I1448-03	PE43_21	Soil	09/24/2024	09/24/2024
24I1448-04	PE52_19.5	Soil	09/24/2024	09/24/2024
24I1448-05	PE60_19.5	Soil	09/24/2024	09/24/2024
24I1448-06	DUP_09242024	Soil	09/24/2024	09/24/2024
24I1448-07	EB_09242024	Water	09/24/2024	09/24/2024
24I1448-08	FB_09242024	Water	09/24/2024	09/24/2024
24I1448-09	TB_09242024	Water	09/24/2024	09/24/2024

General Notes for York Project (SDG) No.: 24I1448

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 10/03/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.015**		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0083**	CCVE, J	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	09/25/2024 11:26	09/25/2024 18:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/26/2024 08:09	09/26/2024 15:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*94.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*107 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*106 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/27/2024 08:24	09/30/2024 16:55	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*63.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.197	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 20:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0589	0.222	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 20:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.222	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 20:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 20:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 20:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.662	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.840	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0689	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.662	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.676	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.346	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.274	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 20:31	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L	ug/kg dry	0.705	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ug/kg dry	2.33	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.679	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.775	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 20:31	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*87.0 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.3 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*91.8 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*89.8 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*93.5 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*71.1 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*53.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*45.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*66.9 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.9 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*93.3 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*80.2 %*	*10-150*

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*125 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*86.3 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.0 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*97.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.8 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*40.9 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*37.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*55.6 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*43.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*46.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	09/25/2024 12:09	09/26/2024 14:54	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*108 %*	*30-120*

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:38	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:38	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:38	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*91.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8160**		mg/kg dry	4.67	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.77**		mg/kg dry	1.40	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**11.7**		mg/kg dry	2.33	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**718**	B	mg/kg dry	4.67	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.6**		mg/kg dry	0.467	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.47**		mg/kg dry	0.373	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.59**		mg/kg dry	1.87	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9160**		mg/kg dry	23.3	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**6.85**		mg/kg dry	0.467	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1970**		mg/kg dry	4.67	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**53.3**		mg/kg dry	0.467	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.9**		mg/kg dry	0.930	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**314**	B	mg/kg dry	4.67	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.471	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**49.3**		mg/kg dry	46.7	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.33	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.7**		mg/kg dry	0.930	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**32.2**		mg/kg dry	2.33	1	EPA 6010D	09/25/2024 14:45	09/27/2024 11:54	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.234**		mg/kg dry	0.0336	1	EPA 7473	09/25/2024 14:06	09/26/2024 14:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.560	1	EPA 7196A	09/25/2024 14:48	09/25/2024 22:39	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE35_20.5 **York Sample ID:** 24I1448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:00 pm	09/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.6**		mg/kg	0.500	1	Calculation	09/27/2024 15:05	09/27/2024 15:32	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.560	1	EPA 9014/9010C	09/25/2024 08:12	09/25/2024 15:36	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**89.2**		%	0.100	1	SM 2540G	09/25/2024 08:27	09/25/2024 13:51	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0047	0.0094	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0047	0.0094	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:21	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/27/2024 08:24	09/30/2024 17:12	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*74.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 21:19	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0616	0.232	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 21:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.232	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 21:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.208	0.213	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 21:19	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	0.232	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 21:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.220	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.222	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.189	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.145	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.225	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.180	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.691	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.877	0.892	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.930	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.414	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.224	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0720	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.182	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.691	0.872	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.707	0.930	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.361	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.286	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.202	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.196	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 21:19	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-CCV-L	ug/kg dry	0.737	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND	PF-CCV-L	ug/kg dry	2.44	5.81	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.81	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.710	2.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.209	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.810	2.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 21:19	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*83.2 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*102 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*89.0 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*82.7 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*82.2 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*63.0 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*50.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*64.0 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*85.3 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*94.9 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*84.2 %*	*10-150*

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*84.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*95.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*92.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*81.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*102 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.2 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*40.4 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*36.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*82.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*52.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.190	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:08	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*106 %*	*30-120*

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0230	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:46	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0230	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:46	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0230	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:46	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*95.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6320**		mg/kg dry	4.85	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.43	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.46	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**7.08**		mg/kg dry	2.42	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.087**		mg/kg dry	0.049	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.291	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**565**		mg/kg dry	4.85	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.5**		mg/kg dry	0.486	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.30**		mg/kg dry	0.388	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.56**		mg/kg dry	1.94	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**7540**		mg/kg dry	24.3	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**5.29**		mg/kg dry	0.486	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1700**		mg/kg dry	4.86	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**43.8**		mg/kg dry	0.486	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**17.4**		mg/kg dry	0.966	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**260**	B	mg/kg dry	4.86	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.43	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.489	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**68.0**		mg/kg dry	48.5	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.43	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.7**		mg/kg dry	0.966	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**21.4**		mg/kg dry	2.42	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:07	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0349	1	EPA 7473	09/25/2024 14:06	09/26/2024 14:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.582	1	EPA 7196A	09/25/2024 14:48	09/25/2024 22:39	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE36_20 **York Sample ID:** 24I1448-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:05 pm	09/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.5**		mg/kg	0.500	1	Calculation	09/27/2024 15:05	09/27/2024 15:32	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.582	1	EPA 9014/9010C	09/25/2024 08:12	09/25/2024 15:36	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**85.9**		%	0.100	1	SM 2540G	09/25/2024 08:27	09/25/2024 13:51	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	CCVE, QL-02	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.070	0.14	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0070	0.014	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0070	0.014	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C	09/25/2024 11:26	09/25/2024 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0893**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0829**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0629**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0622**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0693**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0650**	J, B	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0986**		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.163**		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0550**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.128**		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.216**		mg/kg dry	0.0448	0.0894	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/26/2024 08:09	09/26/2024 16:45	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/27/2024 08:24	09/30/2024 17:29	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.2 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.190	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:07	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0568	0.214	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:07	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.214	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:07	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.196	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:07	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:07	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.638	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.809	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.857	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.381	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0664	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.638	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.652	0.857	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:07	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.679	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.655	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.747	2.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:07	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*60.2 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*72.9 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*61.7 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*65.0 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*73.9 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*88.6 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*68.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*57.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*49.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*73.9 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*78.3 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*62.9 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*60.8 %*	*10-150*

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*74.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*84.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*84.4 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*92.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*67.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*77.4 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*46.7 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*33.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*60.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*46.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*48.2 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.177	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:21	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-120*

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	09/25/2024 12:20	09/26/2024 18:53	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*98.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5160**		mg/kg dry	4.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.25	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.71**		mg/kg dry	1.35	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**90.0**		mg/kg dry	2.25	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.081**		mg/kg dry	0.045	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.361**		mg/kg dry	0.271	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2650**		mg/kg dry	4.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.5**		mg/kg dry	0.451	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.67**		mg/kg dry	0.360	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**36.1**		mg/kg dry	1.80	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11400**		mg/kg dry	22.5	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**124**		mg/kg dry	0.451	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1670**		mg/kg dry	4.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**98.2**		mg/kg dry	0.451	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.8**		mg/kg dry	0.898	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**389**	B	mg/kg dry	4.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.455	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**99.1**		mg/kg dry	45.1	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.0**		mg/kg dry	0.898	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**166**		mg/kg dry	2.25	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.101**		mg/kg dry	0.0325	1	EPA 7473	09/25/2024 14:06	09/26/2024 14:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.541	1	EPA 7196A	09/25/2024 14:48	09/25/2024 22:39	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE43_21 **York Sample ID:** 24I1448-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:10 pm	09/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.5**		mg/kg	0.500	1	Calculation	09/27/2024 15:05	09/27/2024 15:32	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.541	1	EPA 9014/9010C	09/25/2024 08:12	09/25/2024 15:36	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.4**		%	0.100	1	SM 2540G	09/25/2024 08:27	09/25/2024 13:51	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	CCVE, QL-02	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0061	0.012	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0061	0.012	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0031	0.0061	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.117**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.285**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.260**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.226**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.192**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.225**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.293**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.897**	B	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.315**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0577**	J	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	**Di-n-butyl phthalate**	**0.0562**	J	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.544**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0487**	J	mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.205**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.412**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.712**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:15	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/27/2024 08:24	09/30/2024 17:47	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*57.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.126	0.201	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0601	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.203	0.208	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.195	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.363**		ug/kg dry	0.189	0.211	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.214	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.217	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.225	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.185	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.142	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.117	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.168	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	**N-EtFOSAA**	**0.232**		ug/kg dry	0.220	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.124	0.454	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.166	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.176	0.227	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.675	0.862	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.856	0.871	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.124	0.908	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.158	0.404	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.219	0.454	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0703	0.454	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.109	0.454	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.178	0.213	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:24	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.675	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:24	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.690	0.908	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:24	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.353	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:24	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.279	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:24	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.197	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:24	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.192	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.141	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:24	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.719	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.38	5.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.70	5.67	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.693	2.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.204	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.791	2.27	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.225	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:24	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*67.9 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*96.0 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.0 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*78.3 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*105 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*78.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*65.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*95.6 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*112 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*81.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*85.7 %*	*10-150*

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*125 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*127 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*285 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*263 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*95.5 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*117 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*34.4 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*28.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*81.4 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*24.4 %*	PFSu-L		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*32.2 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD [2C]**	**0.00756**		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	**4,4'-DDE**	**0.0105**		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00711**	P	mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	**alpha-Chlordane**	**0.00374**		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	**gamma-Chlordane**	**0.00313**	P	mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	09/25/2024 12:09	09/26/2024 22:49	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.435**	P	mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.179**		mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.615**	P	mg/kg dry	0.0188	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:35	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.0 %*	*30-120*

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*77.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6130**		mg/kg dry	4.74	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	**Antimony**	**5.95**	M-CCV 1	mg/kg dry	2.37	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.96**		mg/kg dry	1.42	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**210**		mg/kg dry	2.37	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**3.29**		mg/kg dry	0.285	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9780**		mg/kg dry	4.75	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.1**		mg/kg dry	0.475	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.85**		mg/kg dry	0.379	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**148**		mg/kg dry	1.90	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**19400**		mg/kg dry	23.7	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**454**		mg/kg dry	0.475	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3320**		mg/kg dry	4.75	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**246**		mg/kg dry	0.475	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**27.2**		mg/kg dry	0.945	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**399**	B	mg/kg dry	4.75	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**169**		mg/kg dry	47.5	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.37	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**30.9**		mg/kg dry	0.945	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**596**		mg/kg dry	2.36	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.287**		mg/kg dry	0.0342	1	EPA 7473	09/25/2024 14:06	09/26/2024 14:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.569	1	EPA 7196A	09/25/2024 14:48	09/25/2024 22:39	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE52_19.5 **York Sample ID:** 24I1448-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:15 pm	09/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	18.1		mg/kg	0.500	1	Calculation	09/27/2024 15:05	09/27/2024 15:32	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.626		mg/kg dry	0.569	1	EPA 9014/9010C	09/26/2024 08:30	09/26/2024 15:07	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.8		%	0.100	1	SM 2540G	09/25/2024 08:27	09/25/2024 13:51	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	CCVE, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0056	0.011	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0057**	CCVE, J	mg/kg dry	0.0056	0.011	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C	09/25/2024 11:26	09/25/2024 20:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.117**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.200	0.400	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.337**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.200	0.400	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.715**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.157**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.443**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.432**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.487**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.125**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.285**	B	mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.832**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0655**	J	mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**1.22**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.183**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.444**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.17**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.99**		mg/kg dry	0.0501	0.100	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.200	0.400	2	EPA 8270D	09/26/2024 08:09	09/26/2024 17:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*40.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/27/2024 08:24	09/30/2024 18:04	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.134	0.213	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0638	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.126	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.216	0.220	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.207	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.237**		ug/kg dry	0.201	0.224	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.228	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.230	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.238	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.196	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.151	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.124	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.178	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.234	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.131	0.482	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.176	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.187	0.241	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.717	0.915	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.909	0.925	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.131	0.964	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.167	0.429	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.232	0.482	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0747	0.482	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.116	0.482	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.189	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:40	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.717	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:40	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.732	0.964	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:40	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.375	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:40	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.296	0.901	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:40	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.210	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:40	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.204	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.149	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:40	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.764	1.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.53	6.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.81	6.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.736	2.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.217	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.840	2.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.238	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:40	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*70.0 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*89.4 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.4 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*82.7 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*92.7 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*85.7 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*76.0 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*94.5 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*115 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*79.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*77.0 %*	*10-150*

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*132 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*138 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*190 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*259 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.9 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*99.1 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*42.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*36.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*79.9 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*27.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*36.5 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD [2C]	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	**4,4'-DDE**	**0.00287**		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00276**	P	mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.197	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:05	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.0433**	P	mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0249**		mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.0682**	P	mg/kg dry	0.0199	1	EPA 8082A	09/25/2024 12:09	09/26/2024 15:49	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*	*30-120*

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0240	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:34	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0240	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:34	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0240	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:34	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*55.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6170**		mg/kg dry	5.03	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.47**		mg/kg dry	1.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**300**		mg/kg dry	2.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.070**		mg/kg dry	0.051	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.47**		mg/kg dry	0.302	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**7230**		mg/kg dry	5.03	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.1**		mg/kg dry	0.503	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.78**		mg/kg dry	0.402	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**91.8**		mg/kg dry	2.01	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**20200**		mg/kg dry	25.1	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**342**		mg/kg dry	0.503	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2420**		mg/kg dry	5.03	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**244**		mg/kg dry	0.503	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**22.7**		mg/kg dry	1.00	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**580**	B	mg/kg dry	5.03	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.507	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**218**		mg/kg dry	50.3	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.51	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**23.9**		mg/kg dry	1.00	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**495**		mg/kg dry	2.50	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.304**		mg/kg dry	0.0362	1	EPA 7473	09/25/2024 14:06	09/26/2024 14:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.603	1	EPA 7196A	09/25/2024 14:48	09/25/2024 22:39	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE60_19.5 **York Sample ID:** 24I1448-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:20 pm	09/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.1		mg/kg	0.500	1	Calculation	09/27/2024 15:05	09/27/2024 15:32	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.603	1	EPA 9014/9010C	09/26/2024 08:30	09/26/2024 15:07	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.9		%	0.100	1	SM 2540G	09/25/2024 08:27	09/25/2024 13:51	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.019**		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	09/25/2024 11:26	09/25/2024 21:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	09/26/2024 08:09	09/26/2024 18:14	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*86.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	09/27/2024 08:24	09/30/2024 18:21	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*67.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0598	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.206	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.188	0.210	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.215	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.451	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.215	0.218	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.671	0.857	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.852	0.866	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.902	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.218	0.451	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0699	0.451	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.451	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3	09/27/2024 13:21	09/30/2024 22:56	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.671	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:56	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.686	0.902	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:56	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:56	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.277	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:56	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:56	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/27/2024 13:21	09/30/2024 22:56	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.715	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.689	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.786	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/27/2024 13:21	09/30/2024 22:56	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*81.1 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*99.2 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.2 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*96.6 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*130 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*126 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*72.7 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*66.1 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*52.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*5.37 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*116 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*74.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*107 %*		*10-150*

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*135 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*148 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*133 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*203 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*98.6 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*107 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*49.8 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*33.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*92.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*34.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*42.8 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.185	5	EPA 8081B	09/25/2024 12:09	09/26/2024 23:20	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	09/25/2024 12:09	09/26/2024 16:02	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.5 %*	*30-120*

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:41	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:41	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A	09/25/2024 08:47	09/25/2024 19:41	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*91.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8840**		mg/kg dry	4.71	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.35	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.49**		mg/kg dry	1.41	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**9.21**		mg/kg dry	2.35	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.085**		mg/kg dry	0.047	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.283	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**537**		mg/kg dry	4.71	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**17.2**		mg/kg dry	0.471	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.54**		mg/kg dry	0.376	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**7.51**		mg/kg dry	1.88	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9470**		mg/kg dry	23.5	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**4.57**		mg/kg dry	0.471	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1480**		mg/kg dry	4.71	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**52.9**		mg/kg dry	0.471	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.0**		mg/kg dry	0.938	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**301**	B	mg/kg dry	4.71	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.35	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.475	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**54.2**		mg/kg dry	47.1	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.35	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.3**		mg/kg dry	0.938	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**16.9**		mg/kg dry	2.35	1	EPA 6010D	09/26/2024 15:20	09/27/2024 12:12	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0339	1	EPA 7473	09/25/2024 14:06	09/26/2024 14:17	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.565	1	EPA 7196A	09/25/2024 14:48	09/25/2024 22:39	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: DUP_09242024 **York Sample ID:** 24I1448-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Soil	September 24, 2024 12:30 pm	09/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.2**		mg/kg	0.500	1	Calculation	09/27/2024 15:05	09/27/2024 15:32	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.565	1	EPA 9014/9010C	09/26/2024 08:30	09/26/2024 15:07	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.5**		%	0.100	1	SM 2540G	09/25/2024 08:27	09/25/2024 13:51	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **EB_09242024** **York Sample ID:** **24I1448-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:00 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.455	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.338	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.687	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.658	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.406	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.793	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.503	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.725	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.09	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.851	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.716	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.667	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.764	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.996	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.222	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.851	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.880	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.28	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.03	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.98	7.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**2.93**	J	ng/L	0.319	7.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM

Sample Information

Client Sample ID: EB_09242024 **York Sample ID:** 24I1448-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:00 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.484	3.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 09:38	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.07	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 09:38	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.242	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 09:38	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.358	3.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 09:38	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.735	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.73	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.12	7.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.33	7.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.677	7.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
919005-14-4	ADONA	ND		ng/L	0.513	7.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.899	1.88	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.832	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 09:38	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.96	4.84	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.09	24.2	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.16	24.2	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.86	19.3	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.53	1.93	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.86	19.3	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.74	1.93	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 09:38	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*115 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*128 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*123 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*	*25-150*

Sample Information

Client Sample ID: EB_09242024 **York Sample ID:** 24I1448-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:00 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*122 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*129 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*136 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*110 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*95.3 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.96 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*99.7 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*83.1 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*115 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*108 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*99.5 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*121 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*95.9 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*80.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*129 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*78.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*82.2 %*			*25-150*						

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.16**		ug/L	0.245	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**17.4**		ug/L	0.243	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE, QL-02	ug/L	0.146	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/25/2024 10:14	09/25/2024 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.0 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.9 %*	*70-130*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2024 19:51	09/28/2024 15:48	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*20.5 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*13.0 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*41.8 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.2 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.8 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.4 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	09/27/2024 19:51	10/01/2024 20:51	LL
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	09/27/2024 08:49	10/01/2024 14:31	SS
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*67.2 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.460	1.73	1	EPA 1633 Draft 3	09/30/2024 10:17	10/03/2024 10:26	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.342	1.96	1	EPA 1633 Draft 3	09/30/2024 10:17	10/03/2024 10:26	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.695	1.96	1	EPA 1633 Draft 3	09/30/2024 10:17	10/03/2024 10:26	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.665	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.411	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.802	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.509	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.734	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.11	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.861	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.724	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.675	1.96	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.773	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.01	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.225	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.861	1.96	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.890	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.29	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.04	7.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.01	7.51	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.387**	J	ng/L	0.323	7.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.489	3.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 10:26	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.09	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 10:26	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.245	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 10:26	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.362	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/30/2024 10:17	10/03/2024 10:26	AM

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.744	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.75	7.34	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.16	7.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.35	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.685	7.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
919005-14-4	ADONA	ND		ng/L	0.519	7.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.910	1.90	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.841	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/30/2024 10:17	10/03/2024 10:26	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.99	4.89	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.17	24.5	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.27	24.5	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.90	19.6	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.55	1.96	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.90	19.6	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.76	1.96	1	EPA 1633 Draft 3 Certifications:	09/30/2024 10:17	10/03/2024 10:26	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*165 %*	PFSu-H	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*140 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*136 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*165 %*	PFSu-H	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*156 %*	PFSu-H	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*141 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*134 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*127 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*20.1 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*144 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*123 %*		*25-150*

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*148 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*142 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*149 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*142 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*139 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*137 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*170 %*	PFSu-H		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*117 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*106 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*159 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*79.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*103 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	09/25/2024 08:27	09/25/2024 20:15	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	09/25/2024 08:27	09/25/2024 20:07	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	09/26/2024 08:25	09/27/2024 15:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	09/26/2024 08:25	09/27/2024 15:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	09/26/2024 08:25	09/27/2024 15:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*75.4 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.240**		mg/L	0.0556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**0.903**		mg/L	0.556	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	09/27/2024 08:46	09/30/2024 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	09/26/2024 09:26	09/26/2024 17:32	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	09/26/2024 09:26	09/26/2024 17:32	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/26/2024 09:26	09/26/2024 17:32	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	09/26/2024 09:26	09/26/2024 17:32	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	09/26/2024 09:26	09/26/2024 17:32	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/26/2024 09:26	09/26/2024 17:32	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/25/2024 08:33	09/25/2024 08:33	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: FB_09242024 **York Sample ID:** 24I1448-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	09/24/2024 21:52	09/24/2024 22:34	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	09/27/2024 15:44	09/30/2024 16:20	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	09/26/2024 14:38	09/26/2024 18:04	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: TB_09242024 **York Sample ID:** 24I1448-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09242024 **York Sample ID:** 24I1448-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09242024 **York Sample ID:** 24I1448-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_09242024 **York Sample ID:** 24I1448-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24I1448	100688801	Water	September 24, 2024 2:30 pm	09/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/26/2024 09:00	09/26/2024 14:00	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.1 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.9 %*	*70-130*

Analytical Batch Summary

Batch ID: BI41555 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/24/24
BI41555-BLK1	Blank	09/24/24
BI41555-BS1	LCS	09/24/24
BI41555-DUP1	Duplicate	09/24/24
BI41555-MS1	Matrix Spike	09/24/24
BI41555-MSD1	Matrix Spike Dup	09/24/24

Batch ID: BI41560 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
BI41560-BLK1	Blank	09/25/24
BI41560-DUP1	Duplicate	09/25/24
BI41560-MS1	Matrix Spike	09/25/24
BI41560-MSD1	Matrix Spike Dup	09/25/24
BI41560-SRM1	Reference	09/25/24

Batch ID: BI41569 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/25/24
24I1448-08	FB_09242024	09/25/24
BI41569-BLK1	Blank	09/25/24
BI41569-BLK2	Blank	09/25/24
BI41569-BS1	LCS	09/25/24
BI41569-BS2	LCS	09/25/24
BI41569-BSD1	LCS Dup	09/25/24
BI41569-BSD2	LCS Dup	09/25/24

Batch ID: BI41570 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
24I1448-04	PE52_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-06	DUP_09242024	09/25/24
BI41570-DUP1	Duplicate	09/25/24

Batch ID: BI41578 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/25/24
BI41578-BLK1	Blank	09/25/24
BI41578-BLK2	Blank	09/25/24
BI41578-BS1	LCS	09/25/24
BI41578-BS2	LCS	09/25/24

Batch ID: BI41588 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-04	PE52_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-06	DUP_09242024	09/25/24
BI41588-BLK1	Blank	09/25/24
BI41588-BS1	LCS	09/25/24

Batch ID: BI41602 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
24I1448-04	PE52_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-06	DUP_09242024	09/25/24
BI41602-BLK1	Blank	09/25/24
BI41602-BS1	LCS	09/25/24
BI41602-BSD1	LCS Dup	09/25/24
BI41602-MS1	Matrix Spike	09/25/24
BI41602-MSD1	Matrix Spike Dup	09/25/24

Batch ID: BI41604 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/25/24
BI41604-BLK1	Blank	09/25/24
BI41604-BS1	LCS	09/25/24
BI41604-BSD1	LCS Dup	09/25/24

Batch ID: BI41605 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-09	TB_09242024	09/26/24
BI41605-BLK1	Blank	09/26/24
BI41605-BS1	LCS	09/26/24
BI41605-BSD1	LCS Dup	09/26/24

Batch ID: BI41607 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
24I1448-03	PE43_21	09/25/24
24I1448-04	PE52_19.5	09/25/24
24I1448-04	PE52_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-06	DUP_09242024	09/25/24
24I1448-06	DUP_09242024	09/25/24
BI41607-BLK2	Blank	09/25/24
BI41607-BS2	LCS	09/25/24
BI41607-MS2	Matrix Spike	09/25/24
BI41607-MSD2	Matrix Spike Dup	09/25/24

Batch ID: BI41610 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
BI41610-BLK1	Blank	09/25/24
BI41610-BS1	LCS	09/25/24
BI41610-MS1	Matrix Spike	09/25/24
BI41610-MSD1	Matrix Spike Dup	09/25/24

Batch ID: BI41614 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
24I1448-04	PE52_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-06	DUP_09242024	09/25/24
BI41614-BLK1	Blank	09/25/24
BI41614-DUP1	Duplicate	09/25/24
BI41614-MS1	Matrix Spike	09/25/24
BI41614-SRM1	Reference	09/25/24

Batch ID: BI41627 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date

24I1448-01	PE35_20.5	09/25/24
BI41627-BLK1	Blank	09/25/24
BI41627-DUP1	Duplicate	09/25/24
BI41627-MS1	Matrix Spike	09/25/24
BI41627-PS1	Post Spike	09/25/24
BI41627-SRM1	Reference	09/25/24

Batch ID: BI41629 **Preparation Method:** EPA SW846-3060 **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/25/24
24I1448-02	PE36_20	09/25/24
24I1448-03	PE43_21	09/25/24
24I1448-04	PE52_19.5	09/25/24
24I1448-05	PE60_19.5	09/25/24
24I1448-06	DUP_09242024	09/25/24
BI41629-BLK1	Blank	09/25/24
BI41629-DUP1	Duplicate	09/25/24
BI41629-MS1	Matrix Spike	09/25/24
BI41629-MSD1	Matrix Spike Dup	09/25/24
BI41629-SRM1	Reference	09/25/24

Batch ID: BI41656 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/26/24
24I1448-02	PE36_20	09/26/24
24I1448-03	PE43_21	09/26/24
24I1448-04	PE52_19.5	09/26/24
24I1448-05	PE60_19.5	09/26/24
24I1448-06	DUP_09242024	09/26/24
BI41656-BLK1	Blank	09/26/24
BI41656-BS1	LCS	09/26/24
BI41656-MS1	Matrix Spike	09/26/24
BI41656-MSD1	Matrix Spike Dup	09/26/24

Batch ID: BI41667 **Preparation Method:** EPA 8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/26/24
BI41667-BLK1	Blank	09/26/24
BI41667-BS1	LCS	09/26/24
BI41667-BSD1	LCS Dup	09/26/24

Batch ID: BI41669 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-04	PE52_19.5	09/26/24
24I1448-05	PE60_19.5	09/26/24

24I1448-06	DUP_09242024	09/26/24
BI41669-BLK1	Blank	09/26/24
BI41669-SRM1	Reference	09/26/24

Batch ID: BI41679 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/26/24
BI41679-BLK1	Blank	09/26/24
BI41679-BS1	LCS	09/26/24
BI41679-DUP1	Duplicate	09/26/24
BI41679-MS1	Matrix Spike	09/26/24

Batch ID: BI41709 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/26/24
BI41709-BLK1	Blank	09/26/24
BI41709-BS1	LCS	09/26/24

Batch ID: BI41719 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-02	PE36_20	09/26/24
24I1448-03	PE43_21	09/26/24
24I1448-04	PE52_19.5	09/26/24
24I1448-05	PE60_19.5	09/26/24
24I1448-06	DUP_09242024	09/26/24
BI41719-BLK1	Blank	09/26/24
BI41719-SRM1	Reference	09/26/24

Batch ID: BI41762 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/27/24
24I1448-02	PE36_20	09/27/24
24I1448-03	PE43_21	09/27/24
24I1448-04	PE52_19.5	09/27/24
24I1448-05	PE60_19.5	09/27/24
24I1448-06	DUP_09242024	09/27/24
BI41762-BLK1	Blank	09/27/24
BI41762-BS1	LCS	09/27/24
BI41762-MS1	Matrix Spike	09/27/24
BI41762-MSD1	Matrix Spike Dup	09/27/24

Batch ID: BI41768 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date

24I1448-08	FB_09242024	09/27/24
BI41768-BLK1	Blank	09/27/24
BI41768-BLK2	Blank	09/27/24
BI41768-BS1	LCS	09/27/24
BI41768-BS2	LCS	09/27/24
BI41768-BSD1	LCS Dup	09/27/24

Batch ID: BI41774 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/27/24
BI41774-BLK1	Blank	09/27/24
BI41774-BS1	LCS	09/27/24

Batch ID: BI41775 **Preparation Method:** EPA 3535A **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/27/24
BI41775-BLK1	Blank	09/27/24
BI41775-BS1	LCS	09/27/24
BI41775-MS1	Matrix Spike	09/27/24
BI41775-MSD1	Matrix Spike Dup	09/27/24

Batch ID: BI41791 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/27/24
24I1448-02	PE36_20	09/27/24
24I1448-03	PE43_21	09/27/24
24I1448-04	PE52_19.5	09/27/24
24I1448-05	PE60_19.5	09/27/24
24I1448-06	DUP_09242024	09/27/24
BI41791-BLK1	Blank	09/27/24
BI41791-BS1	LCS	09/27/24
BI41791-BS2	LCS	09/27/24
BI41791-MS1	Matrix Spike	09/27/24
BI41791-MSD1	Matrix Spike Dup	09/27/24

Batch ID: BI41801 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-01	PE35_20.5	09/27/24
24I1448-02	PE36_20	09/27/24
24I1448-03	PE43_21	09/27/24
24I1448-04	PE52_19.5	09/27/24
24I1448-05	PE60_19.5	09/27/24
24I1448-06	DUP_09242024	09/27/24

Batch ID: BI41810 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-08	FB_09242024	09/27/24

Batch ID: BI41934 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
24I1448-07	EB_09242024	09/30/24
24I1448-08	FB_09242024	09/30/24
BI41934-BLK1	Blank	09/30/24
BI41934-BS1	LCS	09/30/24
BI41934-BS2	LCS	09/30/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
Blank (BI41602-BLK1) Blank									Prepared & Analyzed: 09/25/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
Blank (BI41602-BLK1) Blank								Prepared & Analyzed: 09/25/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*ug/L*	*50.0*		*99.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.0*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				
LCS (BI41602-BS1) LCS								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	48.2		ug/L	50.0		96.4	75-129			30	
1,1,1-Trichloroethane	39.4		"	50.0		78.8	70-130			30	
1,1,2,2-Tetrachloroethane	53.8		"	50.0		108	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.4		"	50.0		80.8	70-130			30	
1,1,2-Trichloroethane	49.2		"	50.0		98.5	70-130			30	
1,1-Dichloroethane	39.8		"	50.0		79.6	70-130			30	
1,1-Dichloroethylene	42.1		"	50.0		84.1	70-130			30	
1,1-Dichloropropylene	42.0		"	50.0		84.0	77-127			30	
1,2,3-Trichlorobenzene	54.5		"	50.0		109	70-130			30	
1,2,3-Trichloropropane	57.6		"	50.0		115	81-126			30	
1,2,4-Trichlorobenzene	56.4		"	50.0		113	70-130			30	
1,2,4-Trimethylbenzene	56.6		"	50.0		113	84-125			30	
1,2-Dibromo-3-chloropropane	52.6		"	50.0		105	40-160			30	
1,2-Dibromoethane	49.6		"	50.0		99.2	70-130			30	
1,2-Dichlorobenzene	54.2		"	50.0		108	70-130			30	
1,2-Dichloroethane	38.9		"	50.0		77.8	70-130			30	
1,2-Dichloropropane	49.6		"	50.0		99.1	70-130			30	
1,3,5-Trimethylbenzene	56.2		"	50.0		112	82-126			30	
1,3-Dichlorobenzene	53.9		"	50.0		108	70-130			30	
1,3-Dichloropropane	48.6		"	50.0		97.2	83-123			30	
1,4-Dichlorobenzene	55.0		"	50.0		110	70-130			30	
1,4-Dioxane	964		"	1050		91.9	40-160			30	
2,2-Dichloropropane	39.0		"	50.0		77.9	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
LCS (BI41602-BS1) LCS							Prepared & Analyzed: 09/25/2024				
2-Butanone	37.2		ug/L	50.0		74.3	40-160			30	
2-Chlorotoluene	53.8		"	50.0		108	78-127			30	
2-Hexanone	45.1		"	50.0		90.1	40-160			30	
4-Chlorotoluene	57.7		"	50.0		115	79-125			30	
4-Methyl-2-pentanone	47.0		"	50.0		93.9	40-160			30	
Acetone	26.3		"	50.0		52.5	40-160			30	
Acrolein	2.83		"	50.0		5.66	10-238	Low Bias		30	
Acrylonitrile	42.8		"	50.0		85.6	66-141			30	
Benzene	40.3		"	50.0		80.6	70-130			30	
Bromobenzene	54.4		"	50.0		109	77-129			30	
Bromochloromethane	40.6		"	50.0		81.3	70-130			30	
Bromodichloromethane	49.1		"	50.0		98.2	70-130			30	
Bromoform	46.4		"	50.0		92.8	70-130			30	
Bromomethane	36.6		"	50.0		73.3	40-160			30	
Carbon disulfide	41.3		"	50.0		82.7	40-160			30	
Carbon tetrachloride	39.5		"	50.0		79.0	70-130			30	
Chlorobenzene	50.2		"	50.0		100	70-130			30	
Chloroethane	33.2		"	50.0		66.4	51-142			30	
Chloroform	40.5		"	50.0		80.9	70-130			30	
Chloromethane	33.5		"	50.0		67.0	49-132			30	
cis-1,2-Dichloroethylene	37.4		"	50.0		74.9	70-130			30	
cis-1,3-Dichloropropylene	48.6		"	50.0		97.2	70-130			30	
Cyclohexane	37.5		"	50.0		75.1	70-130			30	
Dibromochloromethane	48.4		"	50.0		96.9	70-130			30	
Dibromomethane	48.9		"	50.0		97.7	83-124			30	
Dichlorodifluoromethane	41.4		"	50.0		82.8	40-160			30	
Ethyl Benzene	50.8		"	50.0		102	70-130			30	
Hexachlorobutadiene	57.3		"	50.0		115	83-133			30	
Isopropylbenzene	56.6		"	50.0		113	70-130			30	
Methyl acetate	35.7		"	50.0		71.4	70-130			30	
Methyl tert-butyl ether (MTBE)	40.4		"	50.0		80.8	70-130			30	
Methylcyclohexane	46.4		"	50.0		92.8	70-130			30	
Methylene chloride	37.4		"	50.0		74.9	70-130			30	
n-Butylbenzene	56.3		"	50.0		113	80-130			30	
n-Propylbenzene	55.5		"	50.0		111	74-136			30	
o-Xylene	48.5		"	50.0		97.0	70-130			30	
p- & m- Xylenes	98.2		"	100		98.2	70-130			30	
p-Isopropyltoluene	58.4		"	50.0		117	85-125			30	
sec-Butylbenzene	56.5		"	50.0		113	83-125			30	
Styrene	50.9		"	50.0		102	70-130			30	
tert-Butyl alcohol (TBA)	186		"	250		74.6	70-130			30	
tert-Butylbenzene	54.7		"	50.0		109	80-127			30	
Tetrachloroethylene	44.9		"	50.0		89.8	70-130			30	
Toluene	48.9		"	50.0		97.8	70-130			30	
trans-1,2-Dichloroethylene	39.3		"	50.0		78.6	70-130			30	
trans-1,3-Dichloropropylene	50.6		"	50.0		101	70-130			30	
Trichloroethylene	50.2		"	50.0		100	70-130			30	
Trichlorofluoromethane	38.2		"	50.0		76.5	40-160			30	
Vinyl Chloride	36.2		"	50.0		72.4	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.4*		*"*	*50.0*		*92.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.6*		*"*	*50.0*		*107*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
LCS (BI41602-BS1) LCS								Prepared & Analyzed: 09/25/2024			
Surrogate: SURR: p-Bromofluorobenzene	*53.1*		*ug/L*	*50.0*		*106*	*76-130*				
LCS Dup (BI41602-BSD1) LCS Dup								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	48.2		ug/L	50.0		96.4	75-129		0.0207	30	
1,1,1-Trichloroethane	40.7		"	50.0		81.4	70-130		3.30	30	
1,1,2,2-Tetrachloroethane	52.7		"	50.0		105	70-130		2.18	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.6		"	50.0		85.3	70-130		5.32	30	
1,1,2-Trichloroethane	50.5		"	50.0		101	70-130		2.55	30	
1,1-Dichloroethane	41.4		"	50.0		82.9	70-130		4.11	30	
1,1-Dichloroethylene	42.5		"	50.0		85.0	70-130		1.06	30	
1,1-Dichloropropylene	41.6		"	50.0		83.2	77-127		0.957	30	
1,2,3-Trichlorobenzene	55.3		"	50.0		111	70-130		1.51	30	
1,2,3-Trichloropropane	53.6		"	50.0		107	81-126		7.21	30	
1,2,4-Trichlorobenzene	55.5		"	50.0		111	70-130		1.59	30	
1,2,4-Trimethylbenzene	55.0		"	50.0		110	84-125		2.83	30	
1,2-Dibromo-3-chloropropane	54.2		"	50.0		108	40-160		2.99	30	
1,2-Dibromoethane	48.7		"	50.0		97.4	70-130		1.79	30	
1,2-Dichlorobenzene	55.0		"	50.0		110	70-130		1.43	30	
1,2-Dichloroethane	3.20		"	50.0		6.40	70-130	Low Bias	170	30	Non-dir.
1,2-Dichloropropane	49.1		"	50.0		98.3	70-130		0.851	30	
1,3,5-Trimethylbenzene	55.3		"	50.0		111	82-126		1.56	30	
1,3-Dichlorobenzene	54.1		"	50.0		108	70-130		0.463	30	
1,3-Dichloropropane	49.5		"	50.0		99.1	83-123		1.94	30	
1,4-Dichlorobenzene	53.9		"	50.0		108	70-130		2.09	30	
1,4-Dioxane	760		"	1050		72.4	40-160		23.7	30	
2,2-Dichloropropane	39.4		"	50.0		78.9	67-136		1.17	30	
2-Butanone	41.3		"	50.0		82.6	40-160		10.6	30	
2-Chlorotoluene	52.9		"	50.0		106	78-127		1.80	30	
2-Hexanone	45.2		"	50.0		90.3	40-160		0.222	30	
4-Chlorotoluene	55.1		"	50.0		110	79-125		4.68	30	
4-Methyl-2-pentanone	47.1		"	50.0		94.2	40-160		0.298	30	
Acetone	26.5		"	50.0		53.0	40-160		0.948	30	
Acrolein	4.45		"	50.0		8.90	10-238	Low Bias	44.5	30	Non-dir.
Acrylonitrile	43.7		"	50.0		87.3	66-141		1.99	30	
Benzene	42.0		"	50.0		84.0	70-130		4.23	30	
Bromobenzene	54.2		"	50.0		108	77-129		0.442	30	
Bromochloromethane	41.8		"	50.0		83.7	70-130		2.91	30	
Bromodichloromethane	49.7		"	50.0		99.3	70-130		1.15	30	
Bromoform	48.0		"	50.0		95.9	70-130		3.28	30	
Bromomethane	40.2		"	50.0		80.5	40-160		9.31	30	
Carbon disulfide	42.3		"	50.0		84.6	40-160		2.25	30	
Carbon tetrachloride	40.2		"	50.0		80.4	70-130		1.73	30	
Chlorobenzene	49.6		"	50.0		99.2	70-130		1.22	30	
Chloroethane	35.0		"	50.0		70.1	51-142		5.36	30	
Chloroform	41.4		"	50.0		82.9	70-130		2.39	30	
Chloromethane	35.7		"	50.0		71.5	49-132		6.47	30	
cis-1,2-Dichloroethylene	39.7		"	50.0		79.3	70-130		5.73	30	
cis-1,3-Dichloropropylene	49.6		"	50.0		99.2	70-130		2.08	30	
Cyclohexane	38.8		"	50.0		77.6	70-130		3.38	30	
Dibromochloromethane	47.3		"	50.0		94.6	70-130		2.40	30	
Dibromomethane	49.3		"	50.0		98.7	83-124		0.957	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
LCS Dup (BI41602-BSD1) LCS Dup							Prepared & Analyzed: 09/25/2024				
Dichlorodifluoromethane	42.5		ug/L	50.0		85.0	40-160		2.55	30	
Ethyl Benzene	50.5		"	50.0		101	70-130		0.573	30	
Hexachlorobutadiene	55.9		"	50.0		112	83-133		2.44	30	
Isopropylbenzene	55.3		"	50.0		111	70-130		2.18	30	
Methyl acetate	36.3		"	50.0		72.5	70-130		1.56	30	
Methyl tert-butyl ether (MTBE)	41.7		"	50.0		83.3	70-130		3.12	30	
Methylcyclohexane	45.6		"	50.0		91.3	70-130		1.69	30	
Methylene chloride	39.2		"	50.0		78.5	70-130		4.75	30	
n-Butylbenzene	55.4		"	50.0		111	80-130		1.68	30	
n-Propylbenzene	53.6		"	50.0		107	74-136		3.61	30	
o-Xylene	49.0		"	50.0		98.0	70-130		1.03	30	
p- & m- Xylenes	97.7		"	100		97.7	70-130		0.531	30	
p-Isopropyltoluene	57.4		"	50.0		115	85-125		1.71	30	
sec-Butylbenzene	54.3		"	50.0		109	83-125		4.03	30	
Styrene	51.4		"	50.0		103	70-130		0.919	30	
tert-Butyl alcohol (TBA)	185		"	250		73.9	70-130		0.965	30	
tert-Butylbenzene	54.1		"	50.0		108	80-127		1.12	30	
Tetrachloroethylene	44.4		"	50.0		88.8	70-130		1.16	30	
Toluene	48.4		"	50.0		96.7	70-130		1.11	30	
trans-1,2-Dichloroethylene	41.9		"	50.0		83.8	70-130		6.48	30	
trans-1,3-Dichloropropylene	49.5		"	50.0		99.0	70-130		2.28	30	
Trichloroethylene	48.6		"	50.0		97.1	70-130		3.26	30	
Trichlorofluoromethane	38.8		"	50.0		77.6	40-160		1.53	30	
Vinyl Chloride	36.7		"	50.0		73.4	70-130		1.34	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.2*		*"*	*50.0*		*96.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.4*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
Matrix Spike (BI41602-MS1) Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	62.4		ug/L	50.0	0.00	125	15-161			33	
1,1,1-Trichloroethane	50.5		"	50.0	0.00	101	70-130			30	
1,1,2,2-Tetrachloroethane	71.7		"	50.0	0.00	143	70-130	High Bias		30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.6		"	50.0	0.00	109	70-130			30	
1,1,2-Trichloroethane	66.6		"	50.0	0.00	133	70-130	High Bias		30	
1,1-Dichloroethane	53.1		"	50.0	0.00	106	70-130			30	
1,1-Dichloroethylene	55.9		"	50.0	0.00	112	70-130			30	
1,1-Dichloropropylene	53.6		"	50.0	0.00	107	40-133			28	
1,2,3-Trichlorobenzene	63.1		"	50.0	0.00	126	70-130			30	
1,2,3-Trichloropropane	72.1		"	50.0	0.00	144	38-155			48	
1,2,4-Trichlorobenzene	61.5		"	50.0	0.00	123	70-130			30	
1,2,4-Trimethylbenzene	69.2		"	50.0	0.00	138	10-170			242	
1,2-Dibromo-3-chloropropane	71.1		"	50.0	0.00	142	40-160			30	
1,2-Dibromoethane	65.0		"	50.0	0.00	130	70-130			30	
1,2-Dichlorobenzene	66.6		"	50.0	0.00	133	70-130	High Bias		30	
1,2-Dichloroethane	53.6		"	50.0	0.00	107	70-130			30	
1,2-Dichloropropane	63.3		"	50.0	0.00	127	70-130			30	
1,3,5-Trimethylbenzene	68.9		"	50.0	0.00	138	10-150			62	
1,3-Dichlorobenzene	66.1		"	50.0	0.00	132	70-130	High Bias		30	
1,3-Dichloropropane	64.3		"	50.0	0.00	129	43-142			36	
1,4-Dichlorobenzene	65.6		"	50.0	0.00	131	70-130	High Bias		30	
1,4-Dioxane	1510		"	1050	0.00	144	40-160			30	
2,2-Dichloropropane	50.7		"	50.0	0.00	101	38-130			31	
2-Butanone	60.1		"	50.0	0.00	120	40-160			30	
2-Chlorotoluene	66.8		"	50.0	0.00	134	14-144			49	
2-Hexanone	59.7		"	50.0	0.00	119	40-160			30	
4-Chlorotoluene	69.2		"	50.0	0.00	138	15-138			39	
4-Methyl-2-pentanone	64.6		"	50.0	0.00	129	40-160			30	
Acetone	40.7		"	50.0	13.5	54.5	40-160			30	
Acrolein	6.07		"	50.0	0.00	12.1	10-192			128	
Acrylonitrile	57.1		"	50.0	0.00	114	13-161			48	
Benzene	53.3		"	50.0	0.00	107	70-130			30	
Bromobenzene	70.6		"	50.0	0.00	141	23-142			44	
Bromochloromethane	54.1		"	50.0	0.00	108	70-130			30	
Bromodichloromethane	63.4		"	50.0	0.00	127	70-130			30	
Bromoform	59.9		"	50.0	0.00	120	70-130			30	
Bromomethane	50.3		"	50.0	0.00	101	40-160			30	
Carbon disulfide	61.5		"	50.0	1.72	120	40-160			30	
Carbon tetrachloride	49.4		"	50.0	0.00	98.9	70-130			30	
Chlorobenzene	62.3		"	50.0	0.00	125	70-130			30	
Chloroethane	47.0		"	50.0	0.00	94.1	40-160			30	
Chloroform	53.9		"	50.0	0.00	108	70-130			30	
Chloromethane	44.4		"	50.0	0.00	88.8	40-160			30	
cis-1,2-Dichloroethylene	57.4		"	50.0	0.00	115	70-130			30	
cis-1,3-Dichloropropylene	64.0		"	50.0	0.00	128	70-130			30	
Cyclohexane	49.0		"	50.0	0.00	98.0	70-130			30	
Dibromochloromethane	59.4		"	50.0	0.00	119	70-130			30	
Dibromomethane	66.2		"	50.0	0.00	132	47-143			41	
Dichlorodifluoromethane	50.2		"	50.0	0.00	100	40-160			30	
Ethyl Benzene	63.0		"	50.0	0.00	126	70-130			30	
Hexachlorobutadiene	63.4		"	50.0	0.00	127	10-158			45	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
Matrix Spike (BI41602-MS1) Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Isopropylbenzene	70.2		ug/L	50.0	0.00	140	70-130	High Bias		30	
Methyl acetate	46.3		"	50.0	0.00	92.6	70-130			30	
Methyl tert-butyl ether (MTBE)	55.3		"	50.0	0.00	111	70-130			30	
Methylcyclohexane	58.7		"	50.0	0.00	117	70-130			30	
Methylene chloride	54.3		"	50.0	7.43	93.8	70-130			30	
n-Butylbenzene	67.4		"	50.0	0.00	135	10-162			96	
n-Propylbenzene	68.8		"	50.0	0.00	138	10-155			56	
o-Xylene	61.9		"	50.0	0.00	124	70-130			30	
p- & m- Xylenes	124		"	100	0.00	124	70-130			30	
p-Isopropyltoluene	71.3		"	50.0	0.00	143	10-147			60	
sec-Butylbenzene	68.2		"	50.0	0.00	136	10-157			56	
Styrene	54.7		"	50.0	0.00	109	70-130			30	
tert-Butyl alcohol (TBA)	250		"	250	0.00	100	34-179			35	
tert-Butylbenzene	68.4		"	50.0	0.00	137	10-160			79	
Tetrachloroethylene	57.0		"	50.0	0.00	114	70-130			30	
Toluene	63.1		"	50.0	0.00	126	70-130			30	
trans-1,2-Dichloroethylene	52.6		"	50.0	0.00	105	70-130			30	
trans-1,3-Dichloropropylene	64.0		"	50.0	0.00	128	70-130			30	
Trichloroethylene	63.7		"	50.0	0.00	127	70-130			30	
Trichlorofluoromethane	49.0		"	50.0	0.00	98.0	40-160			30	
Vinyl Chloride	47.9		"	50.0	0.00	95.7	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.6*		*"*	*50.0*		*109*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*76-130*				
Matrix Spike Dup (BI41602-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	66.5		ug/L	50.0	0.00	133	15-161		6.39	33	
1,1,1-Trichloroethane	52.3		"	50.0	0.00	105	70-130		3.58	30	
1,1,2,2-Tetrachloroethane	79.3		"	50.0	0.00	159	70-130	High Bias	10.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.6		"	50.0	0.00	105	70-130		3.67	30	
1,1,2-Trichloroethane	74.1		"	50.0	0.00	148	70-130	High Bias	10.8	30	
1,1-Dichloroethane	53.5		"	50.0	0.00	107	70-130		0.882	30	
1,1-Dichloroethylene	55.2		"	50.0	0.00	110	70-130		1.17	30	
1,1-Dichloropropylene	53.3		"	50.0	0.00	107	40-133		0.561	28	
1,2,3-Trichlorobenzene	59.6		"	50.0	0.00	119	70-130		5.72	30	
1,2,3-Trichloropropane	77.9		"	50.0	0.00	156	38-155	High Bias	7.77	48	
1,2,4-Trichlorobenzene	58.4		"	50.0	0.00	117	70-130		5.22	30	
1,2,4-Trimethylbenzene	68.8		"	50.0	0.00	138	10-170		0.579	242	
1,2-Dibromo-3-chloropropane	80.3		"	50.0	0.00	161	40-160	High Bias	12.1	30	
1,2-Dibromoethane	72.2		"	50.0	0.00	144	70-130	High Bias	10.4	30	
1,2-Dichlorobenzene	68.0		"	50.0	0.00	136	70-130	High Bias	2.02	30	
1,2-Dichloroethane	54.6		"	50.0	0.00	109	70-130		1.76	30	
1,2-Dichloropropane	66.4		"	50.0	0.00	133	70-130	High Bias	4.92	30	
1,3,5-Trimethylbenzene	69.5		"	50.0	0.00	139	10-150		0.867	62	
1,3-Dichlorobenzene	65.7		"	50.0	0.00	131	70-130	High Bias	0.683	30	
1,3-Dichloropropane	68.9		"	50.0	0.00	138	43-142		6.91	36	
1,4-Dichlorobenzene	65.5		"	50.0	0.00	131	70-130	High Bias	0.244	30	
1,4-Dioxane	1850		"	1050	0.00	176	40-160	High Bias	20.0	30	
2,2-Dichloropropane	50.9		"	50.0	0.00	102	38-130		0.394	31	
2-Butanone	40.3		"	50.0	0.00	80.7	40-160		39.3	30	Non-dir.
2-Chlorotoluene	65.9		"	50.0	0.00	132	14-144		1.30	49	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41602 - EPA 5035A											
Matrix Spike Dup (BI41602-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)								Prepared & Analyzed: 09/25/2024		
2-Hexanone	69.7		ug/L	50.0	0.00	139	40-160		15.4	30	
4-Chlorotoluene	68.6		"	50.0	0.00	137	15-138		0.784	39	
4-Methyl-2-pentanone	70.6		"	50.0	0.00	141	40-160		8.81	30	
Acetone	43.0		"	50.0	13.5	59.0	40-160		5.31	30	
Acrolein	7.44		"	50.0	0.00	14.9	10-192		20.3	128	
Acrylonitrile	64.9		"	50.0	0.00	130	13-161		12.8	48	
Benzene	53.8		"	50.0	0.00	108	70-130		0.822	30	
Bromobenzene	72.0		"	50.0	0.00	144	23-142	High Bias	1.94	44	
Bromochloromethane	55.7		"	50.0	0.00	111	70-130		2.84	30	
Bromodichloromethane	66.5		"	50.0	0.00	133	70-130	High Bias	4.79	30	
Bromoform	63.8		"	50.0	0.00	128	70-130		6.31	30	
Bromomethane	52.6		"	50.0	0.00	105	40-160		4.35	30	
Carbon disulfide	55.4		"	50.0	1.72	107	40-160		10.5	30	
Carbon tetrachloride	50.8		"	50.0	0.00	102	70-130		2.67	30	
Chlorobenzene	62.2		"	50.0	0.00	124	70-130		0.305	30	
Chloroethane	47.0		"	50.0	0.00	94.1	40-160		0.0213	30	
Chloroform	54.6		"	50.0	0.00	109	70-130		1.22	30	
Chloromethane	43.8		"	50.0	0.00	87.6	40-160		1.31	30	
cis-1,2-Dichloroethylene	51.1		"	50.0	0.00	102	70-130		11.7	30	
cis-1,3-Dichloropropylene	65.2		"	50.0	0.00	130	70-130		1.89	30	
Cyclohexane	47.8		"	50.0	0.00	95.6	70-130		2.46	30	
Dibromochloromethane	64.0		"	50.0	0.00	128	70-130		7.37	30	
Dibromomethane	70.1		"	50.0	0.00	140	47-143		5.69	41	
Dichlorodifluoromethane	48.5		"	50.0	0.00	97.1	40-160		3.48	30	
Ethyl Benzene	64.2		"	50.0	0.00	128	70-130		1.79	30	
Hexachlorobutadiene	55.4		"	50.0	0.00	111	10-158		13.6	45	
Isopropylbenzene	69.6		"	50.0	0.00	139	70-130	High Bias	0.758	30	
Methyl acetate	58.0		"	50.0	0.00	116	70-130		22.4	30	
Methyl tert-butyl ether (MTBE)	57.1		"	50.0	0.00	114	70-130		3.17	30	
Methylcyclohexane	54.8		"	50.0	0.00	110	70-130		6.89	30	
Methylene chloride	53.2		"	50.0	7.43	91.5	70-130		2.14	30	
n-Butylbenzene	62.0		"	50.0	0.00	124	10-162		8.33	96	
n-Propylbenzene	67.6		"	50.0	0.00	135	10-155		1.86	56	
o-Xylene	63.0		"	50.0	0.00	126	70-130		1.78	30	
p- & m- Xylenes	124		"	100	0.00	124	70-130		0.443	30	
p-Isopropyltoluene	67.5		"	50.0	0.00	135	10-147		5.49	60	
sec-Butylbenzene	65.0		"	50.0	0.00	130	10-157		4.73	56	
Styrene	59.2		"	50.0	0.00	118	70-130		8.02	30	
tert-Butyl alcohol (TBA)	287		"	250	0.00	115	34-179		13.6	35	
tert-Butylbenzene	67.8		"	50.0	0.00	136	10-160		0.911	79	
Tetrachloroethylene	57.0		"	50.0	0.00	114	70-130		0.0351	30	
Toluene	63.9		"	50.0	0.00	128	70-130		1.34	30	
trans-1,2-Dichloroethylene	52.5		"	50.0	0.00	105	70-130		0.324	30	
trans-1,3-Dichloropropylene	67.7		"	50.0	0.00	135	70-130	High Bias	5.66	30	
Trichloroethylene	64.3		"	50.0	0.00	129	70-130		0.860	30	
Trichlorofluoromethane	50.2		"	50.0	0.00	100	40-160		2.48	30	
Vinyl Chloride	48.1		"	50.0	0.00	96.2	70-130		0.500	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.7*		*"*	*50.0*		*109*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41604 - EPA 5030B											
Blank (BI41604-BLK1) Blank									Prepared & Analyzed: 09/25/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41604 - EPA 5030B											
Blank (BI41604-BLK1) Blank								Prepared & Analyzed: 09/25/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.64*		*"*	*10.0*		*96.4*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.37*		*"*	*10.0*		*93.7*	*70-130*				
LCS (BI41604-BS1) LCS								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126			30	
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130			20	
1,1,2,2-Tetrachloroethane	9.66		"	10.0		96.6	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	70-130			20	
1,1,2-Trichloroethane	9.29		"	10.0		92.9	70-130			20	
1,1-Dichloroethane	10.4		"	10.0		104	70-130			20	
1,1-Dichloroethylene	11.3		"	10.0		113	70-130			20	
1,1-Dichloropropylene	10.8		"	10.0		108	83-133			30	
1,2,3-Trichlorobenzene	8.12		"	10.0		81.2	70-130			20	
1,2,3-Trichloropropane	9.75		"	10.0		97.5	77-128			30	
1,2,4-Trichlorobenzene	8.60		"	10.0		86.0	70-130			20	
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132			20	
1,2-Dibromo-3-chloropropane	7.83		"	10.0		78.3	40-160			20	
1,2-Dibromoethane	9.18		"	10.0		91.8	70-130			20	
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130			20	
1,2-Dichloroethane	9.23		"	10.0		92.3	70-130			20	
1,2-Dichloropropane	10.8		"	10.0		108	70-130			20	
1,3,5-Trimethylbenzene	12.2		"	10.0		122	80-131			30	
1,3-Dichlorobenzene	10.7		"	10.0		107	70-130			20	
1,3-Dichloropropane	9.51		"	10.0		95.1	81-125			30	
1,4-Dichlorobenzene	10.4		"	10.0		104	70-130			20	
1,4-Dioxane	169		"	210		80.3	40-160			20	
2,2-Dichloropropane	10.7		"	10.0		107	56-150			30	
2-Butanone	5.62		"	10.0		56.2	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41604 - EPA 5030B											
LCS (BI41604-BS1) LCS								Prepared & Analyzed: 09/25/2024			
2-Chlorotoluene	11.8		ug/L	10.0		118	79-130			30	
2-Hexanone	7.51		"	10.0		75.1	40-160			20	
4-Chlorotoluene	11.8		"	10.0		118	79-128			30	
4-Methyl-2-pentanone	6.87		"	10.0		68.7	40-160			20	
Acetone	8.82		"	10.0		88.2	40-160			20	
Acrolein	1.39		"	10.0		13.9	10-153			30	
Acrylonitrile	8.18		"	10.0		81.8	51-150			30	
Benzene	10.9		"	10.0		109	70-130			20	
Bromobenzene	10.9		"	10.0		109	78-129			30	
Bromochloromethane	9.42		"	10.0		94.2	70-130			20	
Bromodichloromethane	9.84		"	10.0		98.4	70-130			20	
Bromoform	5.56		"	10.0		55.6	70-130	Low Bias		20	
Bromomethane	9.86		"	10.0		98.6	40-160			20	
Carbon disulfide	10.5		"	10.0		105	40-160			20	
Carbon tetrachloride	10.4		"	10.0		104	70-130			20	
Chlorobenzene	10.6		"	10.0		106	70-130			20	
Chloroethane	10.8		"	10.0		108	40-160			20	
Chloroform	10.2		"	10.0		102	70-130			20	
Chloromethane	10.6		"	10.0		106	40-160			20	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	70-130			20	
cis-1,3-Dichloropropylene	9.58		"	10.0		95.8	70-130			20	
Cyclohexane	5.26		"	10.0		52.6	70-130	Low Bias		20	
Dibromochloromethane	7.19		"	10.0		71.9	70-130			20	
Dibromomethane	8.98		"	10.0		89.8	72-134			30	
Dichlorodifluoromethane	11.4		"	10.0		114	40-160			20	
Ethyl Benzene	11.8		"	10.0		118	70-130			20	
Hexachlorobutadiene	9.42		"	10.0		94.2	67-146			30	
Isopropylbenzene	12.6		"	10.0		126	70-130			20	
Methyl acetate	7.68		"	10.0		76.8	70-130			20	
Methyl tert-butyl ether (MTBE)	8.34		"	10.0		83.4	70-130			20	
Methylcyclohexane	10.7		"	10.0		107	70-130			20	
Methylene chloride	9.88		"	10.0		98.8	70-130			20	
n-Butylbenzene	11.3		"	10.0		113	79-132			30	
n-Propylbenzene	12.5		"	10.0		125	78-133			30	
o-Xylene	11.1		"	10.0		111	70-130			20	
p- & m- Xylenes	23.4		"	20.0		117	70-130			20	
p-Isopropyltoluene	12.1		"	10.0		121	81-136			30	
sec-Butylbenzene	12.0		"	10.0		120	79-137			30	
Styrene	11.3		"	10.0		113	70-130			20	
tert-Butyl alcohol (TBA)	27.1		"	50.0		54.1	25-162			30	
tert-Butylbenzene	10.8		"	10.0		108	77-138			30	
Tetrachloroethylene	11.0		"	10.0		110	70-130			20	
Toluene	11.3		"	10.0		113	70-130			20	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	70-130			20	
trans-1,3-Dichloropropylene	9.07		"	10.0		90.7	70-130			20	
Trichloroethylene	11.0		"	10.0		110	70-130			20	
Trichlorofluoromethane	10.8		"	10.0		108	40-160			20	
Vinyl Chloride	10.7		"	10.0		107	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.65*		*"*	*10.0*		*86.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41604 - EPA 5030B											
LCS (BI41604-BS1) LCS								Prepared & Analyzed: 09/25/2024			
LCS Dup (BI41604-BSD1) LCS Dup								Prepared & Analyzed: 09/25/2024			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		0.581	30	
1,1,1-Trichloroethane	9.76		"	10.0		97.6	70-130		4.80	20	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	70-130		5.63	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	70-130		5.28	20	
1,1,2-Trichloroethane	9.95		"	10.0		99.5	70-130		6.86	20	
1,1-Dichloroethane	10.0		"	10.0		100	70-130		4.21	20	
1,1-Dichloroethylene	10.6		"	10.0		106	70-130		6.38	20	
1,1-Dichloropropylene	10.2		"	10.0		102	83-133		5.13	30	
1,2,3-Trichlorobenzene	8.79		"	10.0		87.9	70-130		7.92	20	
1,2,3-Trichloropropane	9.89		"	10.0		98.9	77-128		1.43	30	
1,2,4-Trichlorobenzene	8.86		"	10.0		88.6	70-130		2.98	20	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		9.43	20	
1,2-Dibromo-3-chloropropane	8.15		"	10.0		81.5	40-160		4.01	20	
1,2-Dibromoethane	9.77		"	10.0		97.7	70-130		6.23	20	
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130		2.73	20	
1,2-Dichloroethane	9.87		"	10.0		98.7	70-130		6.70	20	
1,2-Dichloropropane	10.7		"	10.0		107	70-130		0.465	20	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		11.9	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	70-130		5.38	20	
1,3-Dichloropropane	10.1		"	10.0		101	81-125		5.92	30	
1,4-Dichlorobenzene	9.92		"	10.0		99.2	70-130		4.24	20	
1,4-Dioxane	194		"	210		92.2	40-160		13.7	20	
2,2-Dichloropropane	10.1		"	10.0		101	56-150		5.37	30	
2-Butanone	10.1		"	10.0		101	40-160		56.7	20	Non-dir.
2-Chlorotoluene	10.5		"	10.0		105	79-130		11.8	30	
2-Hexanone	9.16		"	10.0		91.6	40-160		19.8	20	
4-Chlorotoluene	10.7		"	10.0		107	79-128		9.75	30	
4-Methyl-2-pentanone	8.53		"	10.0		85.3	40-160		21.6	20	Non-dir.
Acetone	9.75		"	10.0		97.5	40-160		10.0	20	
Acrolein	1.55		"	10.0		15.5	10-153		10.9	30	
Acrylonitrile	9.82		"	10.0		98.2	51-150		18.2	30	
Benzene	10.6		"	10.0		106	70-130		2.42	20	
Bromobenzene	10.4		"	10.0		104	78-129		5.45	30	
Bromochloromethane	9.94		"	10.0		99.4	70-130		5.37	20	
Bromodichloromethane	9.81		"	10.0		98.1	70-130		0.305	20	
Bromoform	6.40		"	10.0		64.0	70-130	Low Bias	14.0	20	
Bromomethane	9.54		"	10.0		95.4	40-160		3.30	20	
Carbon disulfide	10.0		"	10.0		100	40-160		4.49	20	
Carbon tetrachloride	9.74		"	10.0		97.4	70-130		6.36	20	
Chlorobenzene	10.3		"	10.0		103	70-130		3.45	20	
Chloroethane	9.95		"	10.0		99.5	40-160		7.73	20	
Chloroform	9.92		"	10.0		99.2	70-130		2.29	20	
Chloromethane	9.98		"	10.0		99.8	40-160		6.31	20	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	70-130		3.00	20	
cis-1,3-Dichloropropylene	9.72		"	10.0		97.2	70-130		1.45	20	
Cyclohexane	5.00		"	10.0		50.0	70-130	Low Bias	5.07	20	
Dibromochloromethane	7.91		"	10.0		79.1	70-130		9.54	20	
Dibromomethane	9.44		"	10.0		94.4	72-134		4.99	30	
Dichlorodifluoromethane	10.4		"	10.0		104	40-160		8.44	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41604 - EPA 5030B											
LCS Dup (BI41604-BSD1) LCS Dup							Prepared & Analyzed: 09/25/2024				
Ethyl Benzene	11.1		ug/L	10.0		111	70-130		6.46	20	
Hexachlorobutadiene	8.58		"	10.0		85.8	67-146		9.33	30	
Isopropylbenzene	11.0		"	10.0		110	70-130		13.3	20	
Methyl acetate	8.60		"	10.0		86.0	70-130		11.3	20	
Methyl tert-butyl ether (MTBE)	9.74		"	10.0		97.4	70-130		15.5	20	
Methylcyclohexane	9.87		"	10.0		98.7	70-130		7.98	20	
Methylene chloride	9.97		"	10.0		99.7	70-130		0.907	20	
n-Butylbenzene	10.3		"	10.0		103	79-132		8.96	30	
n-Propylbenzene	10.8		"	10.0		108	78-133		13.9	30	
o-Xylene	10.7		"	10.0		107	70-130		3.77	20	
p- & m- Xylenes	22.0		"	20.0		110	70-130		5.73	20	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		10.5	30	
sec-Butylbenzene	10.5		"	10.0		105	79-137		13.0	30	
Styrene	11.3		"	10.0		113	70-130		0.177	20	
tert-Butyl alcohol (TBA)	37.4		"	50.0		74.8	25-162		32.1	30	Non-dir.
tert-Butylbenzene	9.50		"	10.0		95.0	77-138		12.4	30	
Tetrachloroethylene	10.1		"	10.0		101	70-130		8.42	20	
Toluene	10.5		"	10.0		105	70-130		6.96	20	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	70-130		5.28	20	
trans-1,3-Dichloropropylene	9.51		"	10.0		95.1	70-130		4.74	20	
Trichloroethylene	10.3		"	10.0		103	70-130		6.64	20	
Trichlorofluoromethane	10.0		"	10.0		100	40-160		7.02	20	
Vinyl Chloride	10.1		"	10.0		101	70-130		5.76	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.40*		*"*	*10.0*		*94.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.59*		*"*	*10.0*		*95.9*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41605 - EPA 5030B											
Blank (BI41605-BLK1) Blank									Prepared & Analyzed: 09/26/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41605 - EPA 5030B											
Blank (BI41605-BLK1) Blank								Prepared & Analyzed: 09/26/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.59*		*"*	*10.0*		*95.9*	*70-130*				
LCS (BI41605-BS1) LCS								Prepared & Analyzed: 09/26/2024			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126			30	
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130			20	
1,1,2,2-Tetrachloroethane	9.86		"	10.0		98.6	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	70-130			20	
1,1,2-Trichloroethane	9.40		"	10.0		94.0	70-130			20	
1,1-Dichloroethane	10.3		"	10.0		103	70-130			20	
1,1-Dichloroethylene	11.2		"	10.0		112	70-130			20	
1,1-Dichloropropylene	10.8		"	10.0		108	83-133			30	
1,2,3-Trichlorobenzene	8.21		"	10.0		82.1	70-130			20	
1,2,3-Trichloropropane	9.86		"	10.0		98.6	77-128			30	
1,2,4-Trichlorobenzene	8.91		"	10.0		89.1	70-130			20	
1,2,4-Trimethylbenzene	11.6		"	10.0		116	82-132			20	
1,2-Dibromo-3-chloropropane	5.42		"	10.0		54.2	40-160			20	
1,2-Dibromoethane	9.27		"	10.0		92.7	70-130			20	
1,2-Dichlorobenzene	10.6		"	10.0		106	70-130			20	
1,2-Dichloroethane	9.27		"	10.0		92.7	70-130			20	
1,2-Dichloropropane	11.0		"	10.0		110	70-130			20	
1,3,5-Trimethylbenzene	12.3		"	10.0		123	80-131			30	
1,3-Dichlorobenzene	10.9		"	10.0		109	70-130			20	
1,3-Dichloropropane	9.45		"	10.0		94.5	81-125			30	
1,4-Dichlorobenzene	10.6		"	10.0		106	70-130			20	
1,4-Dioxane	166		"	210		78.8	40-160			20	
2,2-Dichloropropane	10.8		"	10.0		108	56-150			30	
2-Butanone	5.71		"	10.0		57.1	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41605 - EPA 5030B											
LCS (BI41605-BS1) LCS								Prepared & Analyzed: 09/26/2024			
2-Chlorotoluene	12.1		ug/L	10.0		121	79-130			30	
2-Hexanone	7.51		"	10.0		75.1	40-160			20	
4-Chlorotoluene	12.0		"	10.0		120	79-128			30	
4-Methyl-2-pentanone	7.03		"	10.0		70.3	40-160			20	
Acetone	8.64		"	10.0		86.4	40-160			20	
Acrolein	1.43		"	10.0		14.3	10-153			30	
Acrylonitrile	8.34		"	10.0		83.4	51-150			30	
Benzene	10.7		"	10.0		107	70-130			20	
Bromobenzene	11.0		"	10.0		110	78-129			30	
Bromochloromethane	9.37		"	10.0		93.7	70-130			20	
Bromodichloromethane	10.2		"	10.0		102	70-130			20	
Bromoform	6.07		"	10.0		60.7	70-130	Low Bias		20	
Bromomethane	9.59		"	10.0		95.9	40-160			20	
Carbon disulfide	10.4		"	10.0		104	40-160			20	
Carbon tetrachloride	10.4		"	10.0		104	70-130			20	
Chlorobenzene	10.6		"	10.0		106	70-130			20	
Chloroethane	10.3		"	10.0		103	40-160			20	
Chloroform	10.0		"	10.0		100	70-130			20	
Chloromethane	9.79		"	10.0		97.9	40-160			20	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	70-130			20	
cis-1,3-Dichloropropylene	9.90		"	10.0		99.0	70-130			20	
Cyclohexane	5.10		"	10.0		51.0	70-130	Low Bias		20	
Dibromochloromethane	7.71		"	10.0		77.1	70-130			20	
Dibromomethane	9.01		"	10.0		90.1	72-134			30	
Dichlorodifluoromethane	9.88		"	10.0		98.8	40-160			20	
Ethyl Benzene	11.9		"	10.0		119	70-130			20	
Hexachlorobutadiene	9.21		"	10.0		92.1	67-146			30	
Isopropylbenzene	12.8		"	10.0		128	70-130			20	
Methyl acetate	7.50		"	10.0		75.0	70-130			20	
Methyl tert-butyl ether (MTBE)	8.30		"	10.0		83.0	70-130			20	
Methylcyclohexane	10.6		"	10.0		106	70-130			20	
Methylene chloride	9.81		"	10.0		98.1	70-130			20	
n-Butylbenzene	11.5		"	10.0		115	79-132			30	
n-Propylbenzene	12.8		"	10.0		128	78-133			30	
o-Xylene	11.1		"	10.0		111	70-130			20	
p- & m- Xylenes	23.3		"	20.0		116	70-130			20	
p-Isopropyltoluene	12.3		"	10.0		123	81-136			30	
sec-Butylbenzene	12.1		"	10.0		121	79-137			30	
Styrene	11.4		"	10.0		114	70-130			20	
tert-Butyl alcohol (TBA)	26.8		"	50.0		53.6	25-162			30	
tert-Butylbenzene	10.9		"	10.0		109	77-138			30	
Tetrachloroethylene	10.9		"	10.0		109	70-130			20	
Toluene	11.3		"	10.0		113	70-130			20	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	70-130			20	
trans-1,3-Dichloropropylene	9.31		"	10.0		93.1	70-130			20	
Trichloroethylene	11.1		"	10.0		111	70-130			20	
Trichlorofluoromethane	10.5		"	10.0		105	40-160			20	
Vinyl Chloride	10.0		"	10.0		100	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.54*		*"*	*10.0*		*85.4*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41605 - EPA 5030B											
LCS (BI41605-BS1) LCS								Prepared & Analyzed: 09/26/2024			
LCS Dup (BI41605-BSD1) LCS Dup								Prepared & Analyzed: 09/26/2024			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		0.567	30	
1,1,1-Trichloroethane	9.73		"	10.0		97.3	70-130		4.32	20	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	70-130		2.90	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	70-130		6.38	20	
1,1,2-Trichloroethane	10.0		"	10.0		100	70-130		6.39	20	
1,1-Dichloroethane	9.85		"	10.0		98.5	70-130		4.08	20	
1,1-Dichloroethylene	10.4		"	10.0		104	70-130		7.70	20	
1,1-Dichloropropylene	10.1		"	10.0		101	83-133		6.33	30	
1,2,3-Trichlorobenzene	8.82		"	10.0		88.2	70-130		7.16	20	
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128		1.51	30	
1,2,4-Trichlorobenzene	8.88		"	10.0		88.8	70-130		0.337	20	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		11.7	20	
1,2-Dibromo-3-chloropropane	9.01		"	10.0		90.1	40-160		49.8	20	Non-dir.
1,2-Dibromoethane	9.85		"	10.0		98.5	70-130		6.07	20	
1,2-Dichlorobenzene	9.95		"	10.0		99.5	70-130		5.95	20	
1,2-Dichloroethane	9.92		"	10.0		99.2	70-130		6.77	20	
1,2-Dichloropropane	10.4		"	10.0		104	70-130		5.43	20	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		14.6	30	
1,3-Dichlorobenzene	9.98		"	10.0		99.8	70-130		9.18	20	
1,3-Dichloropropane	10.1		"	10.0		101	81-125		6.55	30	
1,4-Dichlorobenzene	9.62		"	10.0		96.2	70-130		9.41	20	
1,4-Dioxane	176		"	210		84.0	40-160		6.38	20	
2,2-Dichloropropane	10.2		"	10.0		102	56-150		5.81	30	
2-Butanone	10.7		"	10.0		107	40-160		60.6	20	Non-dir.
2-Chlorotoluene	10.4		"	10.0		104	79-130		15.1	30	
2-Hexanone	9.43		"	10.0		94.3	40-160		22.7	20	Non-dir.
4-Chlorotoluene	10.5		"	10.0		105	79-128		13.5	30	
4-Methyl-2-pentanone	8.59		"	10.0		85.9	40-160		20.0	20	
Acetone	9.87		"	10.0		98.7	40-160		13.3	20	
Acrolein	1.70		"	10.0		17.0	10-153		17.3	30	
Acrylonitrile	9.97		"	10.0		99.7	51-150		17.8	30	
Benzene	10.3		"	10.0		103	70-130		3.80	20	
Bromobenzene	10.2		"	10.0		102	78-129		7.63	30	
Bromochloromethane	10.1		"	10.0		101	70-130		7.60	20	
Bromodichloromethane	10.0		"	10.0		100	70-130		2.37	20	
Bromoform	6.96		"	10.0		69.6	70-130	Low Bias	13.7	20	
Bromomethane	9.10		"	10.0		91.0	40-160		5.24	20	
Carbon disulfide	9.91		"	10.0		99.1	40-160		5.21	20	
Carbon tetrachloride	9.91		"	10.0		99.1	70-130		5.21	20	
Chlorobenzene	10.2		"	10.0		102	70-130		3.66	20	
Chloroethane	9.54		"	10.0		95.4	40-160		7.27	20	
Chloroform	9.97		"	10.0		99.7	70-130		0.400	20	
Chloromethane	9.21		"	10.0		92.1	40-160		6.11	20	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	70-130		2.42	20	
cis-1,3-Dichloropropylene	9.86		"	10.0		98.6	70-130		0.405	20	
Cyclohexane	4.82		"	10.0		48.2	70-130	Low Bias	5.65	20	
Dibromochloromethane	8.24		"	10.0		82.4	70-130		6.65	20	
Dibromomethane	9.61		"	10.0		96.1	72-134		6.44	30	
Dichlorodifluoromethane	9.28		"	10.0		92.8	40-160		6.26	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41605 - EPA 5030B											
LCS Dup (BI41605-BSD1) LCS Dup							Prepared & Analyzed: 09/26/2024				
Ethyl Benzene	10.9		ug/L	10.0		109	70-130		9.39	20	
Hexachlorobutadiene	8.29		"	10.0		82.9	67-146		10.5	30	
Isopropylbenzene	10.6		"	10.0		106	70-130		18.4	20	
Methyl acetate	8.89		"	10.0		88.9	70-130		17.0	20	
Methyl tert-butyl ether (MTBE)	9.95		"	10.0		99.5	70-130		18.1	20	
Methylcyclohexane	9.60		"	10.0		96.0	70-130		9.71	20	
Methylene chloride	9.84		"	10.0		98.4	70-130		0.305	20	
n-Butylbenzene	10.1		"	10.0		101	79-132		13.0	30	
n-Propylbenzene	10.6		"	10.0		106	78-133		18.2	30	
o-Xylene	10.6		"	10.0		106	70-130		4.80	20	
p- & m- Xylenes	21.5		"	20.0		108	70-130		7.86	20	
p-Isopropyltoluene	10.6		"	10.0		106	81-136		14.2	30	
sec-Butylbenzene	10.2		"	10.0		102	79-137		16.3	30	
Styrene	11.1		"	10.0		111	70-130		2.57	20	
tert-Butyl alcohol (TBA)	38.9		"	50.0		77.7	25-162		36.8	30	Non-dir.
tert-Butylbenzene	9.20		"	10.0		92.0	77-138		16.6	30	
Tetrachloroethylene	9.73		"	10.0		97.3	70-130		11.3	20	
Toluene	10.4		"	10.0		104	70-130		8.22	20	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	70-130		5.39	20	
trans-1,3-Dichloropropylene	9.82		"	10.0		98.2	70-130		5.33	20	
Trichloroethylene	9.95		"	10.0		99.5	70-130		10.7	20	
Trichlorofluoromethane	9.72		"	10.0		97.2	40-160		7.91	20	
Vinyl Chloride	9.32		"	10.0		93.2	70-130		7.34	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.75*		*"*	*10.0*		*97.5*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI41656 - EPA 3550C

Blank (BI41656-BLK1) Blank — Prepared & Analyzed: 09/26/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	0.0555	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
Blank (BI41656-BLK1) Blank									Prepared & Analyzed: 09/26/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.16*		"	*1.66*		*69.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.15*		"	*1.66*		*69.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.641*		"	*0.831*		*77.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.697*		"	*0.831*		*84.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.60*		"	*1.66*		*96.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.792*		"	*0.831*		*95.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
LCS (BI41656-BS1) LCS								Prepared & Analyzed: 09/26/2024			
1,1-Biphenyl	0.958	0.0416	mg/kg wet	0.831		115	18-111	High Bias			
1,2,4,5-Tetrachlorobenzene	0.921	0.0830	"	0.831		111	21-131				
1,2,4-Trichlorobenzene	0.937	0.0416	"	1.25		75.2	10-140				
1,2-Dichlorobenzene	0.895	0.0416	"	1.25		71.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.802	0.0416	"	1.25		64.4	17-137				
1,3-Dichlorobenzene	0.863	0.0416	"	1.25		69.3	33-110				
1,4-Dichlorobenzene	0.924	0.0416	"	1.25		74.2	32-104				
2,3,4,6-Tetrachlorophenol	1.08	0.0830	"	1.25		86.7	30-130				
2,4,5-Trichlorophenol	0.959	0.0416	"	1.25		77.0	27-118				
2,4,6-Trichlorophenol	1.08	0.0416	"	1.25		86.3	31-120				
2,4-Dichlorophenol	0.977	0.0416	"	1.25		78.5	20-127				
2,4-Dimethylphenol	0.902	0.0416	"	1.25		72.4	14-132				
2,4-Dinitrophenol	0.306	0.0830	"	1.25		24.6	10-171				
2,4-Dinitrotoluene	0.995	0.0416	"	1.25		79.8	34-131				
2,6-Dinitrotoluene	1.00	0.0416	"	1.25		80.4	31-128				
2-Chloronaphthalene	0.931	0.0416	"	1.25		74.7	31-117				
2-Chlorophenol	0.908	0.0416	"	1.25		72.9	33-113				
2-Methylnaphthalene	0.813	0.0416	"	1.25		65.3	12-138				
2-Methylphenol	0.934	0.0416	"	1.25		74.9	10-136				
2-Nitroaniline	0.997	0.0830	"	1.25		80.0	27-132				
2-Nitrophenol	0.973	0.0416	"	1.25		78.1	17-129				
3- & 4-Methylphenols	0.830	0.0416	"	1.25		66.6	29-103				
3,3-Dichlorobenzidine	1.65	0.0416	"	0.831		198	22-149	High Bias			
3-Nitroaniline	0.997	0.0830	"	1.25		80.0	20-133				
4,6-Dinitro-2-methylphenol	0.341	0.0830	"	1.25		27.4	10-143				
4-Bromophenyl phenyl ether	0.925	0.0416	"	1.25		74.2	29-120				
4-Chloro-3-methylphenol	0.889	0.0416	"	1.25		71.4	24-129				
4-Chloroaniline	0.737	0.0416	"	1.25		59.1	10-132				
4-Chlorophenyl phenyl ether	0.941	0.0416	"	1.25		75.5	27-124				
4-Nitroaniline	0.876	0.0830	"	1.25		70.3	16-128				
4-Nitrophenol	0.843	0.0830	"	1.25		67.6	10-141				
Acenaphthene	0.886	0.0416	"	1.25		71.1	30-121				
Acenaphthylene	0.887	0.0416	"	1.25		71.2	30-115				
Acetophenone	0.888	0.0416	"	0.831		107	20-112				
Aniline	0.891	0.166	"	1.25		71.5	10-119				
Anthracene	0.964	0.0416	"	1.25		77.4	34-118				
Atrazine	0.957	0.0416	"	0.831		115	26-112	High Bias			
Benzaldehyde	0.816	0.0416	"	0.831		98.2	21-100				
Benzo(a)anthracene	0.938	0.0416	"	1.25		75.3	32-122				
Benzo(a)pyrene	0.906	0.0416	"	1.25		72.7	29-133				
Benzo(b)fluoranthene	0.938	0.0416	"	1.25		75.3	25-133				
Benzo(g,h,i)perylene	0.966	0.0416	"	1.25		77.6	10-143				
Benzo(k)fluoranthene	0.902	0.0416	"	1.25		72.4	25-128				
Benzoic acid	0.626	0.0416	"	0.831		75.4	10-140				
Benzyl alcohol	0.881	0.0416	"	1.25		70.7	30-115				
Benzyl butyl phthalate	0.918	0.0416	"	1.25		73.7	26-126				
Bis(2-chloroethoxy)methane	0.829	0.0416	"	1.25		66.5	19-132				
Bis(2-chloroethyl)ether	0.824	0.0416	"	1.25		66.2	19-125				
Bis(2-chloroisopropyl)ether	0.743	0.0416	"	1.25		59.6	20-135				
Bis(2-ethylhexyl)phthalate	0.920	0.0416	"	1.25		73.9	10-155				
Caprolactam	1.02	0.0830	"	0.831		123	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
LCS (BI41656-BS1) LCS							Prepared & Analyzed: 09/26/2024				
Carbazole	0.872	0.0416	mg/kg wet	1.25		70.0	35-123				
Chrysene	0.958	0.0416	"	1.25		76.9	32-123				
Dibenzo(a,h)anthracene	0.975	0.0416	"	1.25		78.3	10-136				
Dibenzofuran	0.934	0.0416	"	1.25		75.0	29-121				
Diethyl phthalate	0.891	0.0416	"	1.25		71.5	34-116				
Dimethyl phthalate	0.927	0.0416	"	1.25		74.4	35-124				
Di-n-butyl phthalate	0.871	0.0416	"	1.25		69.9	31-116				
Di-n-octyl phthalate	0.898	0.0416	"	1.25		72.1	26-136				
Fluoranthene	0.906	0.0416	"	1.25		72.7	33-122				
Fluorene	0.915	0.0416	"	1.25		73.4	29-123				
Hexachlorobenzene	0.837	0.0416	"	1.25		67.1	21-124				
Hexachlorobutadiene	0.911	0.0416	"	1.25		73.1	10-149				
Hexachlorocyclopentadiene	0.463	0.0416	"	1.25		37.1	10-129				
Hexachloroethane	0.834	0.0416	"	1.25		66.9	28-108				
Indeno(1,2,3-cd)pyrene	0.992	0.0416	"	1.25		79.7	10-135				
Isophorone	0.825	0.0416	"	1.25		66.2	20-132				
Naphthalene	0.873	0.0416	"	1.25		70.1	23-124				
Nitrobenzene	0.819	0.0416	"	1.25		65.7	13-132				
N-Nitrosodimethylamine	0.709	0.0416	"	1.25		56.9	11-129				
N-nitroso-di-n-propylamine	0.794	0.0416	"	1.25		63.7	24-119				
N-Nitrosodiphenylamine	1.03	0.0416	"	1.25		82.9	22-152				
Pentachlorophenol	1.27	0.0416	"	1.25		102	10-139				
Phenanthrene	0.934	0.0416	"	1.25		75.0	33-123				
Phenol	0.861	0.0416	"	1.25		69.1	23-115				
Pyrene	1.07	0.0416	"	1.25		85.9	24-130				
Pyridine	0.598	0.166	"	1.25		48.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.60*		*"*	*1.66*		*96.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.56*		*"*	*1.66*		*93.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.842*		*"*	*0.831*		*101*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.949*		*"*	*0.831*		*114*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.22*		*"*	*1.66*		*133*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*1.07*		*"*	*0.831*		*129*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
Matrix Spike (BI41656-MS1) Matrix Spike *Source sample: 24I1448-01 (PE35_20.5)								Prepared & Analyzed: 09/26/2024			
1,1-Biphenyl	0.614	0.0932	mg/kg dry	0.931	ND	66.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.575	0.186	"	0.931	ND	61.8	10-133				
1,2,4-Trichlorobenzene	0.629	0.0932	"	1.40	ND	45.1	10-127				
1,2-Dichlorobenzene	0.536	0.0932	"	1.40	ND	38.4	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.497	0.0932	"	1.40	ND	35.6	10-144				
1,3-Dichlorobenzene	0.517	0.0932	"	1.40	ND	37.0	11-111				
1,4-Dichlorobenzene	0.553	0.0932	"	1.40	ND	39.6	10-106				
2,3,4,6-Tetrachlorophenol	0.705	0.186	"	1.40	ND	50.5	30-130				
2,4,5-Trichlorophenol	0.598	0.0932	"	1.40	ND	42.8	10-127				
2,4,6-Trichlorophenol	0.668	0.0932	"	1.40	ND	47.8	10-132				
2,4-Dichlorophenol	0.652	0.0932	"	1.40	ND	46.7	10-128				
2,4-Dimethylphenol	0.585	0.0932	"	1.40	ND	41.9	10-137				
2,4-Dinitrophenol	0.115	0.186	"	1.40	ND	8.21	10-171	Low Bias			
2,4-Dinitrotoluene	0.603	0.0932	"	1.40	ND	43.1	16-135				
2,6-Dinitrotoluene	0.599	0.0932	"	1.40	ND	42.9	18-131				
2-Chloronaphthalene	0.600	0.0932	"	1.40	ND	43.0	10-129				
2-Chlorophenol	0.561	0.0932	"	1.40	ND	40.2	15-116				
2-Methylnaphthalene	0.562	0.0932	"	1.40	ND	40.2	10-147				
2-Methylphenol	0.594	0.0932	"	1.40	ND	42.5	10-136				
2-Nitroaniline	0.600	0.186	"	1.40	ND	42.9	10-137				
2-Nitrophenol	0.576	0.0932	"	1.40	ND	41.2	10-129				
3- & 4-Methylphenols	0.518	0.0932	"	1.40	ND	37.1	10-123				
3,3-Dichlorobenzidine	1.04	0.0932	"	0.931	ND	112	10-155				
3-Nitroaniline	0.600	0.186	"	1.40	ND	42.9	12-133				
4,6-Dinitro-2-methylphenol	0.122	0.186	"	1.40	ND	8.75	10-155	Low Bias			
4-Bromophenyl phenyl ether	0.582	0.0932	"	1.40	ND	41.7	14-128				
4-Chloro-3-methylphenol	0.602	0.0932	"	1.40	ND	43.1	10-134				
4-Chloroaniline	0.497	0.0932	"	1.40	ND	35.6	10-145				
4-Chlorophenyl phenyl ether	0.591	0.0932	"	1.40	ND	42.3	14-130				
4-Nitroaniline	0.580	0.186	"	1.40	ND	41.5	10-147				
4-Nitrophenol	0.570	0.186	"	1.40	ND	40.8	10-137				
Acenaphthene	0.555	0.0932	"	1.40	ND	39.7	10-146				
Acenaphthylene	0.592	0.0932	"	1.40	ND	42.4	10-134				
Acetophenone	0.576	0.0932	"	0.931	ND	61.9	10-116				
Aniline	0.561	0.373	"	1.40	ND	40.2	10-123				
Anthracene	0.626	0.0932	"	1.40	ND	44.9	10-142				
Atrazine	0.589	0.0932	"	0.931	ND	63.3	19-115				
Benzaldehyde	0.517	0.0932	"	0.931	ND	55.5	10-125				
Benzo(a)anthracene	0.605	0.0932	"	1.40	ND	43.3	10-158				
Benzo(a)pyrene	0.580	0.0932	"	1.40	ND	41.5	10-180				
Benzo(b)fluoranthene	0.614	0.0932	"	1.40	ND	44.0	10-200				
Benzo(g,h,i)perylene	0.575	0.0932	"	1.40	ND	41.2	10-138				
Benzo(k)fluoranthene	0.588	0.0932	"	1.40	ND	42.1	10-197				
Benzoic acid	0.344	0.0932	"	0.931	ND	37.0	10-166				
Benzyl alcohol	0.547	0.0932	"	1.40	ND	39.1	12-124				
Benzyl butyl phthalate	0.599	0.0932	"	1.40	ND	42.9	10-154				
Bis(2-chloroethoxy)methane	0.556	0.0932	"	1.40	ND	39.8	10-132				
Bis(2-chloroethyl)ether	0.509	0.0932	"	1.40	ND	36.4	10-119				
Bis(2-chloroisopropyl)ether	0.445	0.0932	"	1.40	ND	31.8	10-139				
Bis(2-ethylhexyl)phthalate	0.592	0.0932	"	1.40	ND	42.4	10-167				
Caprolactam	0.690	0.186	"	0.931	ND	74.1	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
Matrix Spike (BI41656-MS1) Matrix Spike *Source sample: 24I1448-01 (PE35_20.5)								Prepared & Analyzed: 09/26/2024			
Carbazole	0.600	0.0932	mg/kg dry	1.40	ND	43.0	10-167				
Chrysene	0.608	0.0932	"	1.40	ND	43.6	10-156				
Dibenzo(a,h)anthracene	0.572	0.0932	"	1.40	ND	41.0	10-137				
Dibenzofuran	0.609	0.0932	"	1.40	ND	43.6	10-147				
Diethyl phthalate	0.570	0.0932	"	1.40	ND	40.9	20-120				
Dimethyl phthalate	0.580	0.0932	"	1.40	ND	41.5	18-131				
Di-n-butyl phthalate	0.574	0.0932	"	1.40	ND	41.1	10-137				
Di-n-octyl phthalate	0.582	0.0932	"	1.40	ND	41.7	10-180				
Fluoranthene	0.594	0.0932	"	1.40	ND	42.5	10-160				
Fluorene	0.603	0.0932	"	1.40	ND	43.1	10-157				
Hexachlorobenzene	0.551	0.0932	"	1.40	ND	39.5	10-137				
Hexachlorobutadiene	0.598	0.0932	"	1.40	ND	42.8	10-132				
Hexachlorocyclopentadiene	0.194	0.0932	"	1.40	ND	13.9	10-106				
Hexachloroethane	0.510	0.0932	"	1.40	ND	36.5	10-110				
Indeno(1,2,3-cd)pyrene	0.586	0.0932	"	1.40	ND	42.0	10-144				
Isophorone	0.555	0.0932	"	1.40	ND	39.7	10-132				
Naphthalene	0.591	0.0932	"	1.40	ND	42.3	10-141				
Nitrobenzene	0.538	0.0932	"	1.40	ND	38.5	10-131				
N-Nitrosodimethylamine	0.436	0.0932	"	1.40	ND	31.2	10-126				
N-nitroso-di-n-propylamine	0.500	0.0932	"	1.40	ND	35.8	10-125				
N-Nitrosodiphenylamine	0.635	0.0932	"	1.40	ND	45.4	10-177				
Pentachlorophenol	0.808	0.0932	"	1.40	ND	57.9	10-153				
Phenanthrene	0.618	0.0932	"	1.40	ND	44.3	10-148				
Phenol	0.550	0.0932	"	1.40	ND	39.4	10-126				
Pyrene	0.719	0.0932	"	1.40	ND	51.5	10-165				
Pyridine	0.357	0.373	"	1.40	ND	25.6	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.957*		*"*	*1.86*		*51.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.977*		*"*	*1.86*		*52.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.562*		*"*	*0.931*		*60.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.590*		*"*	*0.931*		*63.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.38*		*"*	*1.86*		*74.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.703*		*"*	*0.931*		*75.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
Matrix Spike Dup (BI41656-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)								Prepared & Analyzed: 09/26/2024		
1,1-Biphenyl	0.739	0.0932	mg/kg dry	0.931	ND	79.4	10-130		18.4	30	
1,2,4,5-Tetrachlorobenzene	0.705	0.186	"	0.931	ND	75.8	10-133		20.4	30	
1,2,4-Trichlorobenzene	0.760	0.0932	"	1.40	ND	54.5	10-127		18.9	30	
1,2-Dichlorobenzene	0.669	0.0932	"	1.40	ND	47.9	14-111		22.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.614	0.0932	"	1.40	ND	43.9	10-144		20.9	30	
1,3-Dichlorobenzene	0.645	0.0932	"	1.40	ND	46.2	11-111		22.1	30	
1,4-Dichlorobenzene	0.665	0.0932	"	1.40	ND	47.6	10-106		18.3	30	
2,3,4,6-Tetrachlorophenol	0.926	0.186	"	1.40	ND	66.3	30-130		27.1	30	
2,4,5-Trichlorophenol	0.743	0.0932	"	1.40	ND	53.2	10-127		21.6	30	
2,4,6-Trichlorophenol	0.830	0.0932	"	1.40	ND	59.4	10-132		21.6	30	
2,4-Dichlorophenol	0.769	0.0932	"	1.40	ND	55.1	10-128		16.6	30	
2,4-Dimethylphenol	0.698	0.0932	"	1.40	ND	50.0	10-137		17.5	30	
2,4-Dinitrophenol	0.183	0.186	"	1.40	ND	13.1	10-171		46.0	30	Non-dir.
2,4-Dinitrotoluene	0.795	0.0932	"	1.40	ND	57.0	16-135		27.6	30	
2,6-Dinitrotoluene	0.801	0.0932	"	1.40	ND	57.3	18-131		28.8	30	
2-Chloronaphthalene	0.715	0.0932	"	1.40	ND	51.2	10-129		17.4	30	
2-Chlorophenol	0.677	0.0932	"	1.40	ND	48.5	15-116		18.8	30	
2-Methylnaphthalene	0.674	0.0932	"	1.40	ND	48.3	10-147		18.2	30	
2-Methylphenol	0.712	0.0932	"	1.40	ND	51.0	10-136		18.1	30	
2-Nitroaniline	0.766	0.186	"	1.40	ND	54.8	10-137		24.3	30	
2-Nitrophenol	0.740	0.0932	"	1.40	ND	53.0	10-129		25.0	30	
3- & 4-Methylphenols	0.638	0.0932	"	1.40	ND	45.7	10-123		20.9	30	
3,3-Dichlorobenzidine	1.32	0.0932	"	0.931	ND	142	10-155		23.2	30	
3-Nitroaniline	0.766	0.186	"	1.40	ND	54.8	12-133		24.3	30	
4,6-Dinitro-2-methylphenol	0.207	0.186	"	1.40	ND	14.8	10-155		51.6	30	Non-dir.
4-Bromophenyl phenyl ether	0.712	0.0932	"	1.40	ND	51.0	14-128		20.1	30	
4-Chloro-3-methylphenol	0.722	0.0932	"	1.40	ND	51.7	10-134		18.2	30	
4-Chloroaniline	0.627	0.0932	"	1.40	ND	44.9	10-145		23.2	30	
4-Chlorophenyl phenyl ether	0.751	0.0932	"	1.40	ND	53.8	14-130		23.8	30	
4-Nitroaniline	0.758	0.186	"	1.40	ND	54.3	10-147		26.6	30	
4-Nitrophenol	0.740	0.186	"	1.40	ND	53.0	10-137		25.9	30	
Acenaphthene	0.708	0.0932	"	1.40	ND	50.7	10-146		24.2	30	
Acenaphthylene	0.727	0.0932	"	1.40	ND	52.1	10-134		20.4	30	
Acetophenone	0.704	0.0932	"	0.931	ND	75.6	10-116		19.9	30	
Aniline	0.649	0.373	"	1.40	ND	46.5	10-123		14.6	30	
Anthracene	0.801	0.0932	"	1.40	ND	57.3	10-142		24.4	30	
Atrazine	0.760	0.0932	"	0.931	ND	81.6	19-115		25.3	30	
Benzaldehyde	0.623	0.0932	"	0.931	ND	66.9	10-125		18.6	30	
Benzo(a)anthracene	0.783	0.0932	"	1.40	ND	56.1	10-158		25.7	30	
Benzo(a)pyrene	0.751	0.0932	"	1.40	ND	53.8	10-180		25.6	30	
Benzo(b)fluoranthene	0.777	0.0932	"	1.40	ND	55.6	10-200		23.3	30	
Benzo(g,h,i)perylene	0.801	0.0932	"	1.40	ND	57.3	10-138		32.8	30	Non-dir.
Benzo(k)fluoranthene	0.744	0.0932	"	1.40	ND	53.3	10-197		23.4	30	
Benzoic acid	0.105	0.0932	"	0.931	ND	11.3	10-166		106	30	Non-dir.
Benzyl alcohol	0.646	0.0932	"	1.40	ND	46.2	12-124		16.6	30	
Benzyl butyl phthalate	0.766	0.0932	"	1.40	ND	54.9	10-154		24.5	30	
Bis(2-chloroethoxy)methane	0.672	0.0932	"	1.40	ND	48.1	10-132		18.8	30	
Bis(2-chloroethyl)ether	0.603	0.0932	"	1.40	ND	43.1	10-119		16.9	30	
Bis(2-chloroisopropyl)ether	0.551	0.0932	"	1.40	ND	39.5	10-139		21.4	30	
Bis(2-ethylhexyl)phthalate	0.752	0.0932	"	1.40	ND	53.9	10-167		23.8	30	
Caprolactam	0.836	0.186	"	0.931	ND	89.8	10-132		19.1	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41656 - EPA 3550C											
Matrix Spike Dup (BI41656-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)								Prepared & Analyzed: 09/26/2024		
Carbazole	0.769	0.0932	mg/kg dry	1.40	ND	55.1	10-167		24.7	30	
Chrysene	0.771	0.0932	"	1.40	ND	55.2	10-156		23.5	30	
Dibenzo(a,h)anthracene	0.792	0.0932	"	1.40	ND	56.7	10-137		32.3	30	Non-dir.
Dibenzofuran	0.762	0.0932	"	1.40	ND	54.6	10-147		22.3	30	
Diethyl phthalate	0.731	0.0932	"	1.40	ND	52.3	20-120		24.6	30	
Dimethyl phthalate	0.735	0.0932	"	1.40	ND	52.6	18-131		23.6	30	
Di-n-butyl phthalate	0.736	0.0932	"	1.40	ND	52.7	10-137		24.7	30	
Di-n-octyl phthalate	0.744	0.0932	"	1.40	ND	53.3	10-180		24.5	30	
Fluoranthene	0.763	0.0932	"	1.40	ND	54.7	10-160		25.0	30	
Fluorene	0.770	0.0932	"	1.40	ND	55.1	10-157		24.4	30	
Hexachlorobenzene	0.661	0.0932	"	1.40	ND	47.3	10-137		18.1	30	
Hexachlorobutadiene	0.728	0.0932	"	1.40	ND	52.1	10-132		19.6	30	
Hexachlorocyclopentadiene	0.268	0.0932	"	1.40	ND	19.2	10-106		31.9	30	Non-dir.
Hexachloroethane	0.605	0.0932	"	1.40	ND	43.3	10-110		17.0	30	
Indeno(1,2,3-cd)pyrene	0.804	0.0932	"	1.40	ND	57.6	10-144		31.4	30	Non-dir.
Isophorone	0.664	0.0932	"	1.40	ND	47.5	10-132		17.8	30	
Naphthalene	0.718	0.0932	"	1.40	ND	51.4	10-141		19.5	30	
Nitrobenzene	0.655	0.0932	"	1.40	ND	46.9	10-131		19.7	30	
N-Nitrosodimethylamine	0.517	0.0932	"	1.40	ND	37.0	10-126		17.0	30	
N-nitroso-di-n-propylamine	0.625	0.0932	"	1.40	ND	44.7	10-125		22.3	30	
N-Nitrosodiphenylamine	0.804	0.0932	"	1.40	ND	57.6	10-177		23.6	30	
Pentachlorophenol	1.02	0.0932	"	1.40	ND	73.1	10-153		23.2	30	
Phenanthrene	0.768	0.0932	"	1.40	ND	55.0	10-148		21.6	30	
Phenol	0.673	0.0932	"	1.40	ND	48.2	10-126		20.1	30	
Pyrene	0.898	0.0932	"	1.40	ND	64.3	10-165		22.2	30	
Pyridine	0.432	0.373	"	1.40	ND	30.9	10-83		18.9	30	
Surrogate: SURR: 2-Fluorophenol	*1.17*		*"*	*1.86*		*62.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.17*		*"*	*1.86*		*62.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.646*		*"*	*0.931*		*69.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.732*		*"*	*0.931*		*78.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.77*		*"*	*1.86*		*95.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.900*		*"*	*0.931*		*96.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41768 - EPA 3510C											
Blank (BI41768-BLK1) Blank									Prepared: 09/27/2024 Analyzed: 09/28/2024		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41768 - EPA 3510C											
Blank (BI41768-BLK1) Blank									Prepared: 09/27/2024 Analyzed: 09/28/2024		
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*14.4*		*"*	*50.0*		*28.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.46*		*"*	*50.0*		*16.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.9*		*"*	*25.0*		*67.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.6*		*"*	*25.0*		*74.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*54.7*		*"*	*50.0*		*109*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.2*		*"*	*25.0*		*80.8*	*30.7-106*				
Blank (BI41768-BLK2) Blank									Prepared: 09/27/2024 Analyzed: 10/01/2024		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41768 - EPA 3510C											
LCS (BI41768-BS1) LCS								Prepared: 09/27/2024 Analyzed: 09/30/2024			
1,1-Biphenyl	19.1	5.00	ug/L	25.0		76.5	33-95				
1,2,4,5-Tetrachlorobenzene	21.0	5.00	"	25.0		83.9	26-120				
1,2,4-Trichlorobenzene	20.1	5.00	"	25.0		80.2	20-118				
1,2-Dichlorobenzene	17.8	5.00	"	25.0		71.2	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	24.6	5.00	"	25.0		98.2	16-141				
1,3-Dichlorobenzene	17.6	5.00	"	25.0		70.4	23-117				
1,4-Dichlorobenzene	17.6	5.00	"	25.0		70.4	30-105				
2,3,4,6-Tetrachlorophenol	21.3	5.00	"	25.0		85.3	30-130				
2,4,5-Trichlorophenol	21.2	5.00	"	25.0		84.6	32-114				
2,4,6-Trichlorophenol	21.2	5.00	"	25.0		84.6	35-118				
2,4-Dichlorophenol	20.2	5.00	"	25.0		80.8	25-116				
2,4-Dimethylphenol	18.7	5.00	"	25.0		74.8	15-116				
2,4-Dinitrophenol	28.1	5.00	"	25.0		112	10-170				
2,4-Dinitrotoluene	25.8	5.00	"	25.0		103	41-128				
2,6-Dinitrotoluene	24.6	5.00	"	25.0		98.3	45-116				
2-Chloronaphthalene	19.1	5.00	"	25.0		76.5	33-112				
2-Chlorophenol	17.4	5.00	"	25.0		69.8	15-120				
2-Methylnaphthalene	18.0	5.00	"	25.0		71.9	24-118				
2-Methylphenol	15.4	5.00	"	25.0		61.4	10-110				
2-Nitroaniline	21.4	5.00	"	25.0		85.7	34-129				
2-Nitrophenol	24.9	5.00	"	25.0		99.6	28-118				
3- & 4-Methylphenols	12.8	5.00	"	25.0		51.0	10-107				
3,3-Dichlorobenzidine	13.4	5.00	"	25.0		53.4	15-187				
3-Nitroaniline	15.3	5.00	"	25.0		61.1	24-134				
4,6-Dinitro-2-methylphenol	40.0	5.00	"	25.0		160	10-153	High Bias			
4-Bromophenyl phenyl ether	23.8	5.00	"	25.0		95.3	34-120				
4-Chloro-3-methylphenol	20.8	5.00	"	25.0		83.3	20-120				
4-Chloroaniline	14.9	5.00	"	25.0		59.6	10-147				
4-Chlorophenyl phenyl ether	20.6	5.00	"	25.0		82.2	27-121				
4-Nitroaniline	14.4	5.00	"	25.0		57.7	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	21.7	5.00	"	25.0		86.7	25-110				
Aniline	25.5	5.00	"	25.0		102	10-117				
Benzaldehyde	22.9	5.00	"	25.0		91.6	29-117				
Benzoic acid	4.10	5.00	"	25.0		16.4	30-130	Low Bias			
Benzyl alcohol	12.2	5.00	"	25.0		48.6	10-117				
Benzyl butyl phthalate	17.0	5.00	"	25.0		68.2	29-133				
Bis(2-chloroethoxy)methane	23.6	5.00	"	25.0		94.3	10-154				
Bis(2-chloroethyl)ether	36.7	5.00	"	25.0		147	17-125	High Bias			
Bis(2-chloroisopropyl)ether	26.4	5.00	"	25.0		106	10-139				
Caprolactam	3.89	5.00	"	25.0		15.6	10-137				
Carbazole	18.1	5.00	"	25.0		72.4	42-126				
Dibenzofuran	18.9	5.00	"	25.0		75.6	36-113				
Diethyl phthalate	19.5	5.00	"	25.0		78.2	38-115				
Dimethyl phthalate	19.8	5.00	"	25.0		79.2	38-129				
Di-n-butyl phthalate	20.4	5.00	"	25.0		81.7	31-120				
Di-n-octyl phthalate	17.2	5.00	"	25.0		68.8	21-149				
Hexachlorocyclopentadiene	14.7	10.0	"	25.0		58.7	10-130				
Isophorone	25.4	5.00	"	25.0		101	25-127				
N-nitroso-di-n-propylamine	22.8	5.00	"	25.0		91.2	26-122				
N-Nitrosodiphenylamine	22.9	5.00	"	25.0		91.6	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41768 - EPA 3510C											
LCS (BI41768-BS1) LCS								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Phenol	8.43	5.00	ug/L	25.0		33.7	10-110				
Pyridine	5.93	5.00	"	35.0		16.9	10-90				
Surrogate: SURR: 2-Fluorophenol	*21.8*		*"*	*50.0*		*43.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.3*		*"*	*50.0*		*24.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*26.8*		*"*	*25.0*		*107*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.3*		*"*	*25.0*		*81.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*69.2*		*"*	*50.0*		*138*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.1*		*"*	*25.0*		*84.5*	*30.7-106*				
LCS (BI41768-BS2) LCS								Prepared: 09/27/2024 Analyzed: 10/01/2024			
Acenaphthene	1.01	0.0500	ug/L	1.00		101	25-116				
Acenaphthylene	1.12	0.0500	"	1.00		112	26-116				
Anthracene	1.02	0.0500	"	1.00		102	25-123				
Benzo(a)anthracene	1.11	0.0500	"	1.00		111	33-125				
Benzo(a)pyrene	1.07	0.0500	"	1.00		107	32-132				
Benzo(b)fluoranthene	1.06	0.0500	"	1.00		106	22-137				
Benzo(g,h,i)perylene	1.20	0.0500	"	1.00		120	10-138				
Benzo(k)fluoranthene	1.14	0.0500	"	1.00		114	20-137				
Bis(2-ethylhexyl)phthalate	1.39	0.500	"	1.00		139	10-189				
Chrysene	1.04	0.0500	"	1.00		104	32-124				
Dibenzo(a,h)anthracene	1.37	0.0500	"	1.00		137	16-133	High Bias			
Fluoranthene	1.21	0.0500	"	1.00		121	32-121				
Fluorene	1.08	0.0500	"	1.00		108	28-118				
Hexachlorobenzene	0.170	0.0200	"	1.00		17.0	23-124	Low Bias			
Hexachlorobutadiene	0.820	0.500	"	1.00		82.0	15-123				
Hexachloroethane	0.950	0.500	"	1.00		95.0	18-115				
Indeno(1,2,3-cd)pyrene	1.32	0.0500	"	1.00		132	15-135				
Naphthalene	0.940	0.0500	"	1.00		94.0	18-120				
Nitrobenzene	0.770	0.250	"	1.00		77.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.55	0.250	"	1.00		155	10-156				
Phenanthrene	1.15	0.0500	"	1.00		115	24-127				
Pyrene	1.13	0.0500	"	1.00		113	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41768 - EPA 3510C											
LCS Dup (BI41768-BSD1) LCS Dup									Prepared: 09/27/2024 Analyzed: 09/30/2024		
1,1-Biphenyl	19.4	5.00	ug/L	25.0		77.4	33-95		1.20	20	
1,2,4,5-Tetrachlorobenzene	21.0	5.00	"	25.0		84.0	26-120		0.0953	20	
1,2,4-Trichlorobenzene	20.0	5.00	"	25.0		79.8	20-118		0.550	20	
1,2-Dichlorobenzene	17.9	5.00	"	25.0		71.7	29-111		0.672	20	
1,2-Diphenylhydrazine (as Azobenzene)	24.8	5.00	"	25.0		99.1	16-141		0.933	20	
1,3-Dichlorobenzene	17.8	5.00	"	25.0		71.2	23-117		1.13	20	
1,4-Dichlorobenzene	17.8	5.00	"	25.0		71.2	30-105		1.13	20	
2,3,4,6-Tetrachlorophenol	21.3	5.00	"	25.0		85.4	30-130		0.0469	20	
2,4,5-Trichlorophenol	21.9	5.00	"	25.0		87.6	32-114		3.48	20	
2,4,6-Trichlorophenol	20.9	5.00	"	25.0		83.8	35-118		1.05	20	
2,4-Dichlorophenol	20.1	5.00	"	25.0		80.3	25-116		0.646	20	
2,4-Dimethylphenol	19.0	5.00	"	25.0		76.0	15-116		1.64	20	
2,4-Dinitrophenol	27.8	5.00	"	25.0		111	10-170		0.858	20	
2,4-Dinitrotoluene	25.7	5.00	"	25.0		103	41-128		0.504	20	
2,6-Dinitrotoluene	24.8	5.00	"	25.0		99.1	45-116		0.851	20	
2-Chloronaphthalene	18.5	5.00	"	25.0		74.0	33-112		3.35	20	
2-Chlorophenol	17.6	5.00	"	25.0		70.4	15-120		0.913	20	
2-Methylnaphthalene	18.0	5.00	"	25.0		72.1	24-118		0.278	20	
2-Methylphenol	15.3	5.00	"	25.0		61.3	10-110		0.196	20	
2-Nitroaniline	21.8	5.00	"	25.0		87.2	34-129		1.80	20	
2-Nitrophenol	25.5	5.00	"	25.0		102	28-118		2.18	20	
3- & 4-Methylphenols	13.3	5.00	"	25.0		53.1	10-107		4.07	20	
3,3-Dichlorobenzidine	13.6	5.00	"	25.0		54.3	15-187		1.56	20	
3-Nitroaniline	15.2	5.00	"	25.0		60.6	24-134		0.789	20	
4,6-Dinitro-2-methylphenol	40.2	5.00	"	25.0		161	10-153	High Bias	0.399	20	
4-Bromophenyl phenyl ether	24.0	5.00	"	25.0		96.1	34-120		0.836	20	
4-Chloro-3-methylphenol	21.6	5.00	"	25.0		86.4	20-120		3.58	20	
4-Chloroaniline	15.2	5.00	"	25.0		60.8	10-147		1.99	20	
4-Chlorophenyl phenyl ether	20.4	5.00	"	25.0		81.5	27-121		0.831	20	
4-Nitroaniline	15.1	5.00	"	25.0		60.6	13-134		4.80	20	
4-Nitrophenol	33.7	5.00	"	25.0		135	10-131	High Bias	185	20	Non-dir.
Acetophenone	21.6	5.00	"	25.0		86.4	25-110		0.324	20	
Aniline	25.5	5.00	"	25.0		102	10-117		0.0392	20	
Benzaldehyde	23.3	5.00	"	25.0		93.2	29-117		1.69	20	
Benzoic acid	3.92	5.00	"	25.0		15.7	30-130	Low Bias	4.49	20	
Benzyl alcohol	12.4	5.00	"	25.0		49.6	10-117		2.04	20	
Benzyl butyl phthalate	17.2	5.00	"	25.0		68.6	29-133		0.702	20	
Bis(2-chloroethoxy)methane	23.5	5.00	"	25.0		94.1	10-154		0.212	20	
Bis(2-chloroethyl)ether	36.7	5.00	"	25.0		147	17-125	High Bias	0.0545	20	
Bis(2-chloroisopropyl)ether	26.2	5.00	"	25.0		105	10-139		0.760	20	
Caprolactam	3.99	5.00	"	25.0		16.0	10-137		2.54	20	
Carbazole	18.1	5.00	"	25.0		72.5	42-126		0.110	20	
Dibenzofuran	18.9	5.00	"	25.0		75.6	36-113		0.00	20	
Diethyl phthalate	19.5	5.00	"	25.0		78.0	38-115		0.256	20	
Dimethyl phthalate	19.9	5.00	"	25.0		79.5	38-129		0.403	20	
Di-n-butyl phthalate	20.5	5.00	"	25.0		82.0	31-120		0.440	20	
Di-n-octyl phthalate	17.3	5.00	"	25.0		69.1	21-149		0.464	20	
Hexachlorocyclopentadiene	14.7	10.0	"	25.0		58.9	10-130		0.340	20	
Isophorone	25.5	5.00	"	25.0		102	25-127		0.668	20	
N-nitroso-di-n-propylamine	22.7	5.00	"	25.0		90.8	26-122		0.483	20	
N-Nitrosodiphenylamine	23.4	5.00	"	25.0		93.4	23-149		1.95	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41768 - EPA 3510C											
LCS Dup (BI41768-BSD1) LCS Dup									Prepared: 09/27/2024 Analyzed: 09/30/2024		
Phenol	8.36	5.00	ug/L	25.0		33.4	10-110		0.834	20	
Pyridine	5.75	5.00	"	35.0		16.4	10-90		3.08	20	
Surrogate: SURR: 2-Fluorophenol	*21.8*		*"*	*50.0*		*43.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.4*		*"*	*50.0*		*24.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*27.0*		*"*	*25.0*		*108*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.4*		*"*	*25.0*		*81.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*70.2*		*"*	*50.0*		*140*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.2*		*"*	*25.0*		*85.0*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41762 - EPA 3550C												
Blank (BI41762-BLK1)	Blank									Prepared: 09/27/2024 Analyzed: 09/30/2024		
1,4-Dioxane		ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8		*415*		*"*	*495*		*83.9*	*39-127.5*				
LCS (BI41762-BS1)	LCS									Prepared: 09/27/2024 Analyzed: 09/30/2024		
1,4-Dioxane		475	19.8	ug/kg	495		96.0	40-130				
Surrogate: 1,4-Dioxane-d8		*439*		*"*	*495*		*88.7*	*39-127.5*				
Matrix Spike (BI41762-MS1)	Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/27/2024 Analyzed: 09/30/2024		
1,4-Dioxane		498	19.8	ug/kg	495	ND	101	40-130				
Surrogate: 1,4-Dioxane-d8		*351*		*"*	*495*		*71.0*	*40-130*				
Matrix Spike Dup (BI41762-M	Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/27/2024 Analyzed: 09/30/2024		
1,4-Dioxane		505	19.8	ug/kg	495	ND	102	40-130		1.38	30	
Surrogate: 1,4-Dioxane-d8		*358*		*"*	*495*		*72.4*	*40-130*				
Batch BI41775 - EPA 3535A												
Blank (BI41775-BLK1)	Blank									Prepared: 09/27/2024 Analyzed: 10/01/2024		
1,4-Dioxane		ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8		*2.93*		*"*	*4.00*		*73.2*	*36.6-118*				
LCS (BI41775-BS1)	LCS									Prepared: 09/27/2024 Analyzed: 10/01/2024		
1,4-Dioxane		3.49	0.300	ug/L	4.00		87.2	50-130				
Surrogate: 1,4-Dioxane-d8		*2.66*		*"*	*4.00*		*66.6*	*36.6-118*				
Matrix Spike (BI41775-MS1)	Matrix Spike	*Source sample: 24I1448-08 (FB_09242024)								Prepared: 09/27/2024 Analyzed: 10/01/2024		
1,4-Dioxane		3.87	0.300	ug/L	4.00	ND	96.8	50-130				
Surrogate: 1,4-Dioxane-d8		*2.73*		*"*	*4.00*		*68.3*	*50-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41775 - EPA 3535A											
Matrix Spike Dup (BI41775-M Matrix Spike Dup	*Source sample: 24I1448-08 (FB_09242024)								Prepared: 09/27/2024 Analyzed: 10/01/2024		
1,4-Dioxane	3.68	0.300	ug/L	4.00	ND	92.0	50-130		5.08	30	
Surrogate: 1,4-Dioxane-d8	*2.97*		*"*	*4.00*		*74.2*	*50-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
Blank (BI41791-BLK1) Blank									Prepared: 09/27/2024 Analyzed: 09/30/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*1.82*		"	*2.31*		*78.9*	*25-150*				
Surrogate: M5PFHxA	*2.29*		"	*2.48*		*92.2*	*25-150*				
Surrogate: M4PFHpA	*1.85*		"	*2.48*		*74.5*	*25-150*				
Surrogate: M3PFHxS	*2.00*		"	*2.35*		*85.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.33*		"	*2.48*		*94.0*	*25-150*				
Surrogate: M6PFDA	*1.10*		"	*1.24*		*88.3*	*25-150*				
Surrogate: M7PFUdA	*1.03*		"	*1.24*		*82.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.806*		"	*1.24*		*65.0*	*25-150*				
Surrogate: M2PFTeDA	*0.683*		"	*1.24*		*55.1*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
Blank (BI41791-BLK1) Blank								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.92*		*ug/kg wet*	*9.92*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.15*		*"*	*2.38*		*90.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.28*		*"*	*4.96*		*86.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.22*		*"*	*2.48*		*89.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.44*		*"*	*4.96*		*69.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.75*		*"*	*4.96*		*75.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.78*		*"*	*4.72*		*101*	*25-200*				
Surrogate: M2-8:2 FTS	*3.85*		*"*	*4.76*		*80.9*	*25-200*				
Surrogate: M9PFNA	*1.00*		*"*	*1.24*		*81.0*	*25-150*				
Surrogate: M2-4:2 FTS	*4.60*		*"*	*4.65*		*98.9*	*25-150*				
Surrogate: d-N-MeFOSA	*1.74*		*"*	*2.48*		*70.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.53*		*"*	*2.48*		*61.7*	*25-150*				
Surrogate: M3HFPO-DA	*10.1*		*"*	*9.92*		*101*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.2*		*"*	*24.8*		*53.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.1*		*"*	*24.8*		*60.8*	*25-150*				
LCS (BI41791-BS1) LCS								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Perfluorobutanesulfonic acid (PFBS)	3.28	0.175	ug/kg wet	3.49		94.0	50-150				
Perfluorohexanoic acid (PFHxA)	3.63	0.197	"	3.94		92.1	50-150				
Perfluoroheptanoic acid (PFHpA)	4.72	0.197	"	3.94		120	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.34	0.180	"	3.61		92.7	50-150				
Perfluorooctanoic acid (PFOA)	3.13	0.197	"	3.94		79.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.13	0.183	"	3.67		85.4	50-150				
Perfluorononanoic acid (PFNA)	3.38	0.197	"	3.94		85.7	50-150				
Perfluorodecanoic acid (PFDA)	3.48	0.197	"	3.94		88.2	50-150				
Perfluoroundecanoic acid (PFUnA)	4.04	0.197	"	3.94		102	50-150				
Perfluorododecanoic acid (PFDoA)	4.15	0.197	"	3.94		105	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.59	0.197	"	3.94		116	50-150				
Perfluorotetradecanoic acid (PFTA)	3.68	0.197	"	3.94		93.4	50-150				
N-MeFOSAA	4.23	0.197	"	3.94		107	50-150				
N-EtFOSAA	4.13	0.197	"	3.94		105	50-150				
Perfluoropentanoic acid (PFPeA)	8.05	0.394	"	7.89		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.19	0.197	"	3.94		80.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.68	0.197	"	3.77		97.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.23	0.190	"	3.81		58.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.1	0.750	"	15.0		87.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.7	0.757	"	15.1		110	50-150				
Perfluoro-n-butanoic acid (PFBA)	12.8	0.789	"	15.8		81.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.21	0.351	"	7.02		117	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.25	0.394	"	7.89		105	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.437	0.394	"	7.89		5.53	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	15.8	0.394	"	7.89		200	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	3.66	0.185	"	3.71		98.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	11.7	0.740	"	14.8		78.8	50-150				
HFPO-DA (Gen-X)	7.37	0.789	"	7.89		93.4	50-150				
11CL-PF3OUdS	3.95	0.746	"	7.46		53.0	50-150				
9CL-PF3ONS	6.37	0.738	"	7.38		86.4	50-150				
ADONA	6.81	0.746	"	7.46		91.4	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
LCS (BI41791-BS1) LCS								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.20	0.191	ug/kg wet	3.83		31.4	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	2.99	0.189	"	3.79		78.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.97	0.986	"	15.8		56.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	99.5	4.93	"	78.9		126	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	99.2	4.93	"	78.9		126	50-150				
N-MeFOSE	37.9	1.97	"	39.4		96.1	50-150				
N-MeFOSA	3.91	0.197	"	3.94		99.1	50-150				
N-EtFOSE	42.7	1.97	"	39.4		108	50-150				
N-EtFOSA	4.10	0.197	"	3.94		104	50-150				
Surrogate: M3PFBS	*2.31*		"	*2.30*		*101*	*25-150*				
Surrogate: M5PFHxA	*3.07*		"	*2.47*		*124*	*25-150*				
Surrogate: M4PFHpA	*2.33*		"	*2.47*		*94.4*	*25-150*				
Surrogate: M3PFHxS	*2.31*		"	*2.34*		*98.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.25*		"	*2.47*		*132*	*25-150*				
Surrogate: M6PFDA	*1.70*		"	*1.23*		*138*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.23*		*91.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.823*		"	*1.23*		*66.7*	*25-150*				
Surrogate: M2PFTeDA	*0.632*		"	*1.23*		*51.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.218*		"	*9.86*		*2.21*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.00*		"	*2.36*		*127*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*1.96*		"	*4.93*		*39.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.14*		"	*2.47*		*127*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.78*		"	*4.93*		*97.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.49*		"	*4.93*		*111*	*25-150*				
Surrogate: M2-6:2 FTS	*16.6*		"	*4.69*		*354*	*25-200*				
Surrogate: M2-8:2 FTS	*8.03*		"	*4.73*		*170*	*25-200*				
Surrogate: M9PFNA	*1.30*		"	*1.23*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*22.9*		"	*4.63*		*495*	*25-150*				
Surrogate: d-N-MeFOSA	*2.28*		"	*2.47*		*92.4*	*25-150*				
Surrogate: d-N-EtFOSA	*2.02*		"	*2.47*		*81.8*	*25-150*				
Surrogate: M3HFPO-DA	*13.5*		"	*9.86*		*137*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.30*		"	*24.7*		*33.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*9.85*		"	*24.7*		*40.0*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
LCS (BI41791-BS2) LCS								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Perfluorobutanesulfonic acid (PFBS)	0.639	0.175	ug/kg wet	0.701		91.2	50-150				
Perfluorohexanoic acid (PFHxA)	0.678	0.198	"	0.792		85.6	50-150				
Perfluoroheptanoic acid (PFHpA)	0.870	0.198	"	0.792		110	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.693	0.181	"	0.725		95.6	50-150				
Perfluorooctanoic acid (PFOA)	0.596	0.198	"	0.792		75.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.676	0.184	"	0.737		91.8	50-150				
Perfluorononanoic acid (PFNA)	0.610	0.198	"	0.792		77.0	50-150				
Perfluorodecanoic acid (PFDA)	0.588	0.198	"	0.792		74.3	50-150				
Perfluoroundecanoic acid (PFUnA)	0.743	0.198	"	0.792		93.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.693	0.198	"	0.792		87.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.865	0.198	"	0.792		109	50-150				
Perfluorotetradecanoic acid (PFTA)	0.776	0.198	"	0.792		98.0	50-150				
N-MeFOSAA	0.902	0.198	"	0.792		114	50-150				
N-EtFOSAA	0.761	0.198	"	0.792		96.1	50-150				
Perfluoropentanoic acid (PFPeA)	1.55	0.396	"	1.58		97.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.658	0.198	"	0.792		83.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.725	0.198	"	0.756		95.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.462	0.191	"	0.764		60.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.75	0.752	"	3.01		91.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.58	0.760	"	3.04		118	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.01	0.792	"	3.17		94.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.60	0.352	"	1.41		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.52	0.396	"	1.58		95.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.62	0.396	"	1.58		102	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.59	0.396	"	1.58		100	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.679	0.186	"	0.745		91.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.36	0.743	"	2.97		79.5	50-150				
HFPO-DA (Gen-X)	1.69	0.792	"	1.58		106	50-150				
11CL-PF3OUdS	0.901	0.749	"	1.50		60.2	50-150				
9CL-PF3ONS	1.29	0.741	"	1.48		87.4	50-150				
ADONA	1.32	0.749	"	1.50		88.1	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.319	0.192	"	0.768		41.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.647	0.190	"	0.760		85.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	4.60	0.990	"	3.17		145	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	19.5	4.95	"	15.8		123	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	19.9	4.95	"	15.8		126	50-150				
N-MeFOSE	8.13	1.98	"	7.92		103	50-150				
N-MeFOSA	0.640	0.198	"	0.792		80.8	50-150				
N-EtFOSE	8.62	1.98	"	7.92		109	50-150				
N-EtFOSA	0.908	0.198	"	0.792		115	50-150				
Surrogate: M3PFBS	*2.05*		"	*2.31*		*88.7*	*25-150*				
Surrogate: M5PFHxA	*2.76*		"	*2.48*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.24*		"	*2.48*		*90.6*	*25-150*				
Surrogate: M3PFHxS	*2.22*		"	*2.35*		*94.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.94*		"	*2.48*		*119*	*25-150*				
Surrogate: M6PFDA	*1.27*		"	*1.24*		*103*	*25-150*				
Surrogate: M7PFUdA	*0.938*		"	*1.24*		*75.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.818*		"	*1.24*		*66.1*	*25-150*				
Surrogate: M2PFTeDA	*0.634*		"	*1.24*		*51.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
LCS (BI41791-BS2) LCS								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.1*		*ug/kg wet*	*9.90*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.56*		*"*	*2.37*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.79*		*"*	*4.95*		*96.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.66*		*"*	*2.48*		*107*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.41*		*"*	*4.95*		*89.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.13*		*"*	*4.95*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*11.8*		*"*	*4.71*		*251*	*25-200*				
Surrogate: M2-8:2 FTS	*6.97*		*"*	*4.75*		*147*	*25-200*				
Surrogate: M9PFNA	*1.21*		*"*	*1.24*		*98.1*	*25-150*				
Surrogate: M2-4:2 FTS	*13.7*		*"*	*4.64*		*294*	*25-150*				
Surrogate: d-N-MeFOSA	*1.99*		*"*	*2.48*		*80.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.56*		*"*	*2.48*		*63.0*	*25-150*				
Surrogate: M3HFPO-DA	*12.6*		*"*	*9.90*		*127*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.85*		*"*	*24.8*		*39.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.8*		*"*	*24.8*		*43.7*	*25-150*				
Matrix Spike (BI41791-MS1) Matrix Spike *Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Perfluorobutanesulfonic acid (PFBS)	3.68	0.198	ug/kg dry	3.95	ND	93.0	25-150				
Perfluorohexanoic acid (PFHxA)	3.74	0.223	"	4.47	ND	83.8	25-150				
Perfluoroheptanoic acid (PFHpA)	5.06	0.223	"	4.47	ND	113	25-150				
Perfluorohexanesulfonic acid (PFHxS)	3.97	0.204	"	4.09	ND	97.1	25-150				
Perfluorooctanoic acid (PFOA)	3.99	0.223	"	4.47	ND	89.3	25-150				
Perfluorooctanesulfonic acid (PFOS)	3.83	0.208	"	4.15	ND	92.2	25-150				
Perfluorononanoic acid (PFNA)	2.95	0.223	"	4.47	ND	66.2	25-150				
Perfluorodecanoic acid (PFDA)	3.66	0.223	"	4.47	ND	81.9	25-150				
Perfluoroundecanoic acid (PFUnA)	4.13	0.223	"	4.47	ND	92.4	25-150				
Perfluorododecanoic acid (PFDoA)	4.51	0.223	"	4.47	ND	101	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.79	0.223	"	4.47	ND	107	25-150				
Perfluorotetradecanoic acid (PFTA)	4.09	0.223	"	4.47	ND	91.5	25-150				
N-MeFOSAA	4.26	0.223	"	4.47	ND	95.4	25-150				
N-EtFOSAA	4.21	0.223	"	4.47	ND	94.4	25-150				
Perfluoropentanoic acid (PFPeA)	8.78	0.447	"	8.93	ND	98.3	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.73	0.223	"	4.47	ND	83.5	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.20	0.223	"	4.26	ND	98.5	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.85	0.215	"	4.31	ND	89.3	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.9	0.848	"	17.0	ND	99.3	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.1	0.857	"	17.1	ND	93.6	25-150				
Perfluoro-n-butanoic acid (PFBA)	17.4	0.893	"	17.9	ND	97.1	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.53	0.397	"	7.95	ND	107	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.82	0.447	"	8.93	ND	76.4	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.03	0.447	"	8.93	ND	101	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.88	0.447	"	8.93	ND	99.4	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.90	0.210	"	4.20	ND	93.0	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.3	0.837	"	16.7	ND	79.6	25-150				
HFPO-DA (Gen-X)	9.65	0.893	"	8.93	ND	108	25-150				
11CL-PF3OUdS	15.9	0.844	"	8.44	ND	189	25-150	High Bias			
9CL-PF3ONS	18.4	0.835	"	8.35	ND	220	25-150	High Bias			
ADONA	15.8	0.844	"	8.44	ND	187	25-150	High Bias			

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
Matrix Spike (BI41791-MS1) Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared: 09/27/2024 Analyzed: 09/30/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.77	0.217	ug/kg dry	4.33	ND	64.0	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.46	0.214	"	4.29	ND	104	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	11.5	1.12	"	17.9	ND	64.5	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	61.1	5.58	"	89.3	ND	68.4	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	82.6	5.58	"	89.3	ND	92.4	25-150				
N-MeFOSE	47.5	2.23	"	44.7	ND	106	25-150				
N-MeFOSA	4.51	0.223	"	4.47	ND	101	25-150				
N-EtFOSE	41.6	2.23	"	44.7	ND	93.2	25-150				
N-EtFOSA	4.80	0.223	"	4.47	ND	108	25-150				
Surrogate: M3PFBS	*2.26*		*"*	*2.60*		*86.8*	*25-150*				
Surrogate: M5PFHxA	*3.27*		*"*	*2.79*		*117*	*25-150*				
Surrogate: M4PFHpA	*2.93*		*"*	*2.79*		*105*	*25-150*				
Surrogate: M3PFHxS	*2.32*		*"*	*2.65*		*87.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.16*		*"*	*2.79*		*113*	*25-150*				
Surrogate: M6PFDA	*1.64*		*"*	*1.40*		*117*	*25-150*				
Surrogate: M7PFUdA	*1.48*		*"*	*1.40*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.10*		*"*	*1.40*		*78.6*	*25-150*				
Surrogate: M2PFTeDA	*0.912*		*"*	*1.40*		*65.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.1*		*"*	*11.2*		*99.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.99*		*"*	*2.67*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.72*		*"*	*5.58*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.60*		*"*	*2.79*		*93.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*6.05*		*"*	*5.58*		*108*	*25-150*				
Surrogate: d5-N-EtFOSAA	*6.59*		*"*	*5.58*		*118*	*25-150*				
Surrogate: M2-6:2 FTS	*5.44*		*"*	*5.31*		*102*	*25-200*				
Surrogate: M2-8:2 FTS	*6.30*		*"*	*5.36*		*118*	*25-200*				
Surrogate: M9PFNA	*1.65*		*"*	*1.40*		*118*	*25-150*				
Surrogate: M2-4:2 FTS	*5.84*		*"*	*5.24*		*112*	*25-150*				
Surrogate: d-N-MeFOSA	*1.03*		*"*	*2.79*		*36.8*	*25-150*				
Surrogate: d-N-EtFOSA	*0.991*		*"*	*2.79*		*35.5*	*25-150*				
Surrogate: M3HFPO-DA	*7.46*		*"*	*11.2*		*66.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.9*		*"*	*27.9*		*56.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.9*		*"*	*27.9*		*56.9*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41791 - EPA 1633 Prep											
Matrix Spike Dup (BI41791-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/27/2024 Analyzed: 09/30/2024		
Perfluorobutanesulfonic acid (PFBS)	3.84	0.198	ug/kg dry	3.96	ND	97.1	25-150		4.47	35	
Perfluorohexanoic acid (PFHxA)	4.44	0.224	"	4.47	ND	99.3	25-150		17.1	35	
Perfluoroheptanoic acid (PFHpA)	4.86	0.224	"	4.47	ND	109	25-150		4.01	35	
Perfluorohexanesulfonic acid (PFHxS)	4.00	0.205	"	4.09	ND	97.6	25-150		0.714	35	
Perfluorooctanoic acid (PFOA)	3.98	0.224	"	4.47	ND	89.0	25-150		0.218	35	
Perfluorooctanesulfonic acid (PFOS)	3.88	0.208	"	4.16	ND	93.1	25-150		1.21	35	
Perfluorononanoic acid (PFNA)	4.22	0.224	"	4.47	ND	94.4	25-150		35.4	35	Non-dir.
Perfluorodecanoic acid (PFDA)	4.09	0.224	"	4.47	ND	91.5	25-150		11.3	35	
Perfluoroundecanoic acid (PFUnA)	4.92	0.224	"	4.47	ND	110	25-150		17.5	35	
Perfluorododecanoic acid (PFDoA)	4.17	0.224	"	4.47	ND	93.2	25-150		7.94	35	
Perfluorotridecanoic acid (PFTrDA)	5.29	0.224	"	4.47	ND	118	25-150		9.86	35	
Perfluorotetradecanoic acid (PFTA)	4.23	0.224	"	4.47	ND	94.6	25-150		3.59	35	
N-MeFOSAA	4.55	0.224	"	4.47	ND	102	25-150		6.62	35	
N-EtFOSAA	4.67	0.224	"	4.47	ND	104	25-150		10.3	35	
Perfluoropentanoic acid (PFPeA)	9.24	0.447	"	8.95	ND	103	25-150		5.15	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.01	0.224	"	4.47	ND	89.7	25-150		7.30	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.42	0.224	"	4.27	ND	103	25-150		5.02	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.02	0.216	"	4.32	ND	93.0	25-150		4.29	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.6	0.850	"	17.0	ND	97.6	25-150		1.52	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	18.3	0.859	"	17.2	ND	107	25-150		13.3	35	
Perfluoro-n-butanoic acid (PFBA)	17.6	0.895	"	17.9	ND	98.1	25-150		1.14	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.20	0.398	"	7.96	ND	115	25-150		7.56	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.84	0.447	"	8.95	ND	87.6	25-150		13.9	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	9.33	0.447	"	8.95	ND	104	25-150		3.20	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	9.30	0.447	"	8.95	ND	104	25-150		4.58	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.74	0.210	"	4.21	ND	89.0	25-150		4.21	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.0	0.839	"	16.8	ND	89.7	25-150		12.1	30	
HFPO-DA (Gen-X)	11.5	0.895	"	8.95	ND	128	25-150		17.1	30	
11CL-PF3OUdS	13.6	0.846	"	8.46	ND	161	25-150	High Bias	15.7	30	
9CL-PF3ONS	16.2	0.837	"	8.37	ND	194	25-150	High Bias	12.7	30	
ADONA	13.9	0.846	"	8.46	ND	165	25-150	High Bias	12.7	30	
Perfluorododecanesulfonic acid (PFDoS)	2.54	0.217	"	4.34	ND	58.6	25-150		8.75	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	4.34	0.215	"	4.30	ND	101	25-150		2.64	30	
3-Perfluoropropyl propanoic acid (FPrPA)	13.2	1.12	"	17.9	ND	73.6	25-150		13.3	30	
3-Perfluoropentyl propanoic acid (FPePA)	67.9	5.59	"	89.5	ND	75.8	25-150		10.5	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	89.0	5.59	"	89.5	ND	99.4	25-150		7.51	30	
N-MeFOSE	45.6	2.24	"	44.7	ND	102	25-150		4.10	30	
N-MeFOSA	3.91	0.224	"	4.47	ND	87.4	25-150		14.1	30	
N-EtFOSE	47.3	2.24	"	44.7	ND	106	25-150		12.8	30	
N-EtFOSA	3.70	0.224	"	4.47	ND	82.8	25-150		25.9	30	
Surrogate: M3PFBS	*2.31*		"	*2.61*		*88.8*	*25-150*				
Surrogate: M5PFHxA	*2.94*		"	*2.80*		*105*	*25-150*				
Surrogate: M4PFHpA	*2.70*		"	*2.80*		*96.6*	*25-150*				
Surrogate: M3PFHxS	*2.48*		"	*2.65*		*93.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		"	*2.80*		*108*	*25-150*				
Surrogate: M6PFDA	*1.65*		"	*1.40*		*118*	*25-150*				
Surrogate: M7PFUdA	*1.51*		"	*1.40*		*108*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.35*		"	*1.40*		*96.6*	*25-150*				
Surrogate: M2PFTeDA	*0.890*		"	*1.40*		*63.6*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI41791 - EPA 1633 Prep

Matrix Spike Dup (BI41791-M Matrix Spike Dup *Source sample: 24I1448-01 (PE35_20.5) Prepared: 09/27/2024 Analyzed: 09/30/2024

Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.2*		*ug/kg dry*	*11.2*		*109*	*25-150*			
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.93*		*"*	*2.68*		*109*	*25-150*			
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.35*		*"*	*5.59*		*95.6*	*25-150*			
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.39*		*"*	*2.80*		*85.3*	*10-150*			
Surrogate: d3-N-MeFOSAA	*5.47*		*"*	*5.59*		*97.8*	*25-150*			
Surrogate: d5-N-EtFOSAA	*5.91*		*"*	*5.59*		*106*	*25-150*			
Surrogate: M2-6:2 FTS	*5.96*		*"*	*5.32*		*112*	*25-200*			
Surrogate: M2-8:2 FTS	*5.73*		*"*	*5.37*		*107*	*25-200*			
Surrogate: M9PFNA	*1.33*		*"*	*1.40*		*94.9*	*25-150*			
Surrogate: M2-4:2 FTS	*5.76*		*"*	*5.25*		*110*	*25-150*			
Surrogate: d-N-MeFOSA	*1.31*		*"*	*2.80*		*46.9*	*25-150*			
Surrogate: d-N-EtFOSA	*1.04*		*"*	*2.80*		*37.1*	*25-150*			
Surrogate: M3HFPO-DA	*8.02*		*"*	*11.2*		*71.7*	*25-150*			
Surrogate: d9-N-EtFOSE	*14.7*		*"*	*28.0*		*52.7*	*25-150*			
Surrogate: d7-N-MeFOSE	*16.9*		*"*	*28.0*		*60.3*	*25-150*			

Batch BI41934 - EPA 1633 Prep

Blank (BI41934-BLK1) Blank Prepared: 09/30/2024 Analyzed: 10/03/2024

Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	2.00	"							
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"							
Perfluorooctanoic acid (PFOA)	ND	2.00	"							
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"							
Perfluorononanoic acid (PFNA)	ND	2.00	"							
Perfluorodecanoic acid (PFDA)	ND	2.00	"							
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"							
Perfluorododecanoic acid (PFDoA)	ND	2.00	"							
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"							
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"							
N-MeFOSAA	ND	2.00	"							
N-EtFOSAA	ND	2.00	"							
Perfluoropentanoic acid (PFPeA)	ND	4.00	"							
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"							
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"							
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"							
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"							
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	4.75	7.68	"							
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"							
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"							
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"							
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"							
HFPO-DA (Gen-X)	ND	8.00	"							
11CL-PF3OUdS	ND	7.56	"							

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41934 - EPA 1633 Prep											
Blank (BI41934-BLK1) Blank									Prepared: 09/30/2024 Analyzed: 10/03/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*29.1*		"	*23.3*		*125*	*25-150*				
Surrogate: M5PFHxA	*26.3*		"	*25.0*		*105*	*25-150*				
Surrogate: M4PFHpA	*27.3*		"	*25.0*		*109*	*25-150*				
Surrogate: M3PFHxS	*29.5*		"	*23.7*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.2*		"	*25.0*		*113*	*25-150*				
Surrogate: M6PFDA	*13.2*		"	*12.5*		*106*	*25-150*				
Surrogate: M7PFUdA	*13.1*		"	*12.5*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.4*		"	*12.5*		*91.0*	*25-150*				
Surrogate: M2PFTeDA	*9.15*		"	*12.5*		*73.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.16*		"	*100*		*3.16*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*24.5*		"	*23.9*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*31.2*		"	*50.0*		*62.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.8*		"	*25.0*		*103*	*10-150*				
Surrogate: d3-N-MeFOSAA	*52.9*		"	*50.0*		*106*	*25-150*				
Surrogate: d5-N-EtFOSAA	*60.1*		"	*50.0*		*120*	*25-150*				
Surrogate: M2-6:2 FTS	*52.0*		"	*47.5*		*109*	*25-200*				
Surrogate: M2-8:2 FTS	*51.0*		"	*48.0*		*106*	*25-200*				
Surrogate: M9PFNA	*12.1*		"	*12.5*		*96.8*	*25-150*				
Surrogate: M2-4:2 FTS	*59.7*		"	*46.9*		*127*	*25-150*				
Surrogate: d-N-MeFOSA	*25.5*		"	*25.0*		*102*	*25-150*				
Surrogate: d-N-EtFOSA	*17.3*		"	*25.0*		*69.2*	*25-150*				
Surrogate: M3HFPO-DA	*95.9*		"	*100*		*95.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*190*		"	*250*		*76.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*226*		"	*250*		*90.3*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41934 - EPA 1633 Prep											
LCS (BI41934-BS1) LCS								Prepared: 09/30/2024 Analyzed: 10/03/2024			
Perfluorobutanesulfonic acid (PFBS)	34.8	1.77	ng/L	35.4		98.3	50-150				
Perfluorohexanoic acid (PFHxA)	42.7	2.00	"	40.0		107	50-150				
Perfluoroheptanoic acid (PFHpA)	41.1	2.00	"	40.0		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	40.3	1.83	"	36.6		110	50-150				
Perfluorooctanoic acid (PFOA)	42.4	2.00	"	40.0		106	50-150				
Perfluorooctanesulfonic acid (PFOS)	38.9	1.86	"	37.2		105	50-150				
Perfluorononanoic acid (PFNA)	45.0	2.00	"	40.0		112	50-150				
Perfluorodecanoic acid (PFDA)	41.3	2.00	"	40.0		103	50-150				
Perfluoroundecanoic acid (PFUnA)	41.8	2.00	"	40.0		105	50-150				
Perfluorododecanoic acid (PFDoA)	33.6	2.00	"	40.0		84.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	44.8	2.00	"	40.0		112	50-150				
Perfluorotetradecanoic acid (PFTA)	47.7	2.00	"	40.0		119	50-150				
N-MeFOSAA	36.5	2.00	"	40.0		91.3	50-150				
N-EtFOSAA	37.6	2.00	"	40.0		93.9	50-150				
Perfluoropentanoic acid (PFPeA)	80.3	4.00	"	80.0		100	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	39.2	2.00	"	40.0		98.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	41.0	1.91	"	38.2		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	36.7	1.93	"	38.6		95.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	149	7.60	"	152		97.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	162	7.68	"	154		105	50-150				
Perfluoro-n-butanoic acid (PFBA)	153	8.00	"	160		95.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	73.3	3.56	"	71.2		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	93.9	4.00	"	80.0		117	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	19.0	4.00	"	80.0		23.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	96.1	4.00	"	80.0		120	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	40.1	1.88	"	37.6		107	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	147	7.50	"	150		98.3	50-150				
HFPO-DA (Gen-X)	82.8	8.00	"	80.0		104	50-150				
11CL-PF3OUdS	67.0	7.56	"	75.6		88.6	50-150				
9CL-PF3ONS	77.5	7.48	"	74.8		104	50-150				
ADONA	73.6	7.56	"	75.6		97.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	30.3	1.94	"	38.8		78.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	44.9	1.92	"	38.4		117	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	117	5.00	"	160		73.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	920	25.0	"	800		115	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	901	25.0	"	800		113	50-150				
N-MeFOSE	364	20.0	"	400		91.0	50-150				
N-MeFOSA	48.0	2.00	"	40.0		120	50-150				
N-EtFOSE	397	20.0	"	400		99.2	50-150				
N-EtFOSA	35.6	2.00	"	40.0		88.9	50-150				
Surrogate: M3PFBS	*26.6*		"	*23.3*		*114*	*25-150*				
Surrogate: M5PFHxA	*26.9*		"	*25.0*		*108*	*25-150*				
Surrogate: M4PFHpA	*29.4*		"	*25.0*		*117*	*25-150*				
Surrogate: M3PFHxS	*27.0*		"	*23.7*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.9*		"	*25.0*		*115*	*25-150*				
Surrogate: M6PFDA	*12.4*		"	*12.5*		*99.6*	*25-150*				
Surrogate: M7PFUdA	*12.5*		"	*12.5*		*99.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.5*		"	*12.5*		*92.1*	*25-150*				
Surrogate: M2PFTeDA	*9.53*		"	*12.5*		*76.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41934 - EPA 1633 Prep											
LCS (BI41934-BS1) LCS								Prepared: 09/30/2024 Analyzed: 10/03/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.61*		*ng/L*	*100*		*5.61*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.0*		*"*	*23.9*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*44.6*		*"*	*50.0*		*89.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.4*		*"*	*25.0*		*106*	*10-150*				
Surrogate: d3-N-MeFOSAA	*51.5*		*"*	*50.0*		*103*	*25-150*				
Surrogate: d5-N-EtFOSAA	*59.1*		*"*	*50.0*		*118*	*25-150*				
Surrogate: M2-6:2 FTS	*51.6*		*"*	*47.5*		*108*	*25-200*				
Surrogate: M2-8:2 FTS	*49.7*		*"*	*48.0*		*104*	*25-200*				
Surrogate: M9PFNA	*11.4*		*"*	*12.5*		*91.4*	*25-150*				
Surrogate: M2-4:2 FTS	*51.8*		*"*	*46.9*		*111*	*25-150*				
Surrogate: d-N-MeFOSA	*21.0*		*"*	*25.0*		*83.9*	*25-150*				
Surrogate: d-N-EtFOSA	*19.4*		*"*	*25.0*		*77.6*	*25-150*				
Surrogate: M3HFPO-DA	*118*		*"*	*100*		*118*	*25-150*				
Surrogate: d9-N-EtFOSE	*177*		*"*	*250*		*70.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*201*		*"*	*250*		*80.4*	*25-150*				
LCS (BI41934-BS2) LCS								Prepared: 09/30/2024 Analyzed: 10/03/2024			
Perfluorobutanesulfonic acid (PFBS)	7.30	1.77	ng/L	7.08		103	50-150				
Perfluorohexanoic acid (PFHxA)	7.74	2.00	"	8.00		96.7	50-150				
Perfluoroheptanoic acid (PFHpA)	8.93	2.00	"	8.00		112	50-150				
Perfluorohexanesulfonic acid (PFHxS)	6.43	1.83	"	7.32		87.8	50-150				
Perfluorooctanoic acid (PFOA)	9.18	2.00	"	8.00		115	50-150				
Perfluorooctanesulfonic acid (PFOS)	7.65	1.86	"	7.44		103	50-150				
Perfluorononanoic acid (PFNA)	8.38	2.00	"	8.00		105	50-150				
Perfluorodecanoic acid (PFDA)	6.94	2.00	"	8.00		86.8	50-150				
Perfluoroundecanoic acid (PFUnA)	8.69	2.00	"	8.00		109	50-150				
Perfluorododecanoic acid (PFDoA)	6.79	2.00	"	8.00		84.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	9.98	2.00	"	8.00		125	50-150				
Perfluorotetradecanoic acid (PFTA)	8.77	2.00	"	8.00		110	50-150				
N-MeFOSAA	8.59	2.00	"	8.00		107	50-150				
N-EtFOSAA	7.58	2.00	"	8.00		94.7	50-150				
Perfluoropentanoic acid (PFPeA)	16.0	4.00	"	16.0		99.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.09	2.00	"	8.00		88.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	8.61	1.91	"	7.64		113	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.26	1.93	"	7.72		94.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	33.7	7.60	"	30.4		111	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	30.6	7.68	"	30.7		99.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	31.9	8.00	"	32.0		99.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	13.5	3.56	"	14.2		95.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	18.5	4.00	"	16.0		116	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	3.61	4.00	"	16.0		22.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	19.4	4.00	"	16.0		121	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.28	1.88	"	7.52		96.9	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	31.3	7.50	"	30.0		104	50-150				
HFPO-DA (Gen-X)	14.2	8.00	"	16.0		89.0	50-150				
11CL-PF3OUdS	13.1	7.56	"	15.1		86.6	50-150				
9CL-PF3ONS	15.5	7.48	"	15.0		104	50-150				
ADONA	15.1	7.56	"	15.1		99.6	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41934 - EPA 1633 Prep											
LCS (BI41934-BS2) LCS								Prepared: 09/30/2024 Analyzed: 10/03/2024			
Perfluorododecanesulfonic acid (PFDoS)	6.46	1.94	ng/L	7.76		83.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	8.57	1.92	"	7.68		112	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	21.4	5.00	"	32.0		66.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	171	25.0	"	160		107	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	165	25.0	"	160		103	50-150				
N-MeFOSE	80.4	20.0	"	80.0		101	50-150				
N-MeFOSA	8.69	2.00	"	8.00		109	50-150				
N-EtFOSE	81.0	20.0	"	80.0		101	50-150				
N-EtFOSA	7.89	2.00	"	8.00		98.6	50-150				
Surrogate: M3PFBS	*32.6*		*"*	*23.3*		*140*	*25-150*				
Surrogate: M5PFHxA	*37.7*		*"*	*25.0*		*151*	*25-150*				
Surrogate: M4PFHpA	*35.5*		*"*	*25.0*		*142*	*25-150*				
Surrogate: M3PFHxS	*33.7*		*"*	*23.7*		*142*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.7*		*"*	*25.0*		*135*	*25-150*				
Surrogate: M6PFDA	*16.3*		*"*	*12.5*		*130*	*25-150*				
Surrogate: M7PFUdA	*16.3*		*"*	*12.5*		*131*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.4*		*"*	*12.5*		*115*	*25-150*				
Surrogate: M2PFTeDA	*10.4*		*"*	*12.5*		*82.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.53*		*"*	*100*		*6.53*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.4*		*"*	*23.9*		*139*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*56.1*		*"*	*50.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*39.0*		*"*	*25.0*		*156*	*10-150*				
Surrogate: d3-N-MeFOSAA	*73.1*		*"*	*50.0*		*146*	*25-150*				
Surrogate: d5-N-EtFOSAA	*81.2*		*"*	*50.0*		*162*	*25-150*				
Surrogate: M2-6:2 FTS	*59.4*		*"*	*47.5*		*125*	*25-200*				
Surrogate: M2-8:2 FTS	*64.2*		*"*	*48.0*		*134*	*25-200*				
Surrogate: M9PFNA	*17.3*		*"*	*12.5*		*138*	*25-150*				
Surrogate: M2-4:2 FTS	*64.7*		*"*	*46.9*		*138*	*25-150*				
Surrogate: d-N-MeFOSA	*29.3*		*"*	*25.0*		*117*	*25-150*				
Surrogate: d-N-EtFOSA	*25.9*		*"*	*25.0*		*104*	*25-150*				
Surrogate: M3HFPO-DA	*151*		*"*	*100*		*151*	*25-150*				
Surrogate: d9-N-EtFOSE	*250*		*"*	*250*		*99.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*260*		*"*	*250*		*104*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41569 - EPA SW846-3510C Low Level											
Blank (BI41569-BLK1) Blank								Prepared & Analyzed: 09/25/2024			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0992*		*"*	*0.200*		*49.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.120*		*"*	*0.200*		*60.0*	*30-150*				
LCS (BI41569-BS1) LCS								Prepared & Analyzed: 09/25/2024			
4,4'-DDD [2C]	0.0797	0.00400	ug/L	0.100		79.7	40-140			20	
4,4'-DDE	0.0672	0.00400	"	0.100		67.2	40-140			20	
4,4'-DDT	0.0946	0.00400	"	0.100		94.6	40-140			20	
Aldrin	0.0478	0.00400	"	0.100		47.8	40-140			20	
alpha-BHC	0.0742	0.00400	"	0.100		74.2	40-140			20	
alpha-Chlordane	0.0617	0.00400	"	0.100		61.7	40-140			20	
beta-BHC	0.0865	0.00400	"	0.100		86.5	40-140			20	
delta-BHC	0.0808	0.00400	"	0.100		80.8	40-140			20	
Dieldrin	0.0713	0.00200	"	0.100		71.3	40-140			20	
Endosulfan I	0.0711	0.00400	"	0.100		71.1	40-140			20	
Endosulfan II	0.0821	0.00400	"	0.100		82.1	40-140			20	
Endosulfan sulfate	0.0794	0.00400	"	0.100		79.4	40-140			20	
Endrin	0.0819	0.00400	"	0.100		81.9	40-140			20	
Endrin aldehyde	0.101	0.0100	"	0.100		101	40-140			20	
Endrin ketone [2C]	0.0879	0.0100	"	0.100		87.9	40-140			20	
gamma-BHC (Lindane)	0.0798	0.00400	"	0.100		79.8	40-140			20	
gamma-Chlordane	0.0649	0.0100	"	0.100		64.9	40-140			20	
Heptachlor	0.0641	0.00400	"	0.100		64.1	40-140			20	
Heptachlor epoxide	0.0731	0.00400	"	0.100		73.1	40-140			20	
Methoxychlor	0.0923	0.00400	"	0.100		92.3	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0904*		*"*	*0.200*		*45.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.108*		*"*	*0.200*		*54.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41569 - EPA SW846-3510C Low Level											
LCS Dup (BI41569-BSD1) LCS Dup							Prepared & Analyzed: 09/25/2024				
4,4'-DDD [2C]	0.0879	0.00400	ug/L	0.100		87.9	40-140		9.76	20	
4,4'-DDE	0.0727	0.00400	"	0.100		72.7	40-140		7.80	20	
4,4'-DDT	0.0956	0.00400	"	0.100		95.6	40-140		1.04	20	
Aldrin	0.0526	0.00400	"	0.100		52.6	40-140		9.66	20	
alpha-BHC	0.0780	0.00400	"	0.100		78.0	40-140		5.02	20	
alpha-Chlordane	0.0676	0.00400	"	0.100		67.6	40-140		9.00	20	
beta-BHC	0.0911	0.00400	"	0.100		91.1	40-140		5.17	20	
delta-BHC	0.0844	0.00400	"	0.100		84.4	40-140		4.32	20	
Dieldrin	0.0767	0.00200	"	0.100		76.7	40-140		7.35	20	
Endosulfan I	0.0764	0.00400	"	0.100		76.4	40-140		7.18	20	
Endosulfan II	0.0853	0.00400	"	0.100		85.3	40-140		3.72	20	
Endosulfan sulfate	0.0844	0.00400	"	0.100		84.4	40-140		6.12	20	
Endrin	0.0874	0.00400	"	0.100		87.4	40-140		6.49	20	
Endrin aldehyde	0.105	0.0100	"	0.100		105	40-140		4.16	20	
Endrin ketone [2C]	0.0965	0.0100	"	0.100		96.5	40-140		9.25	20	
gamma-BHC (Lindane)	0.0844	0.00400	"	0.100		84.4	40-140		5.63	20	
gamma-Chlordane	0.0711	0.0100	"	0.100		71.1	40-140		9.08	20	
Heptachlor	0.0700	0.00400	"	0.100		70.0	40-140		8.89	20	
Heptachlor epoxide	0.0792	0.00400	"	0.100		79.2	40-140		7.96	20	
Methoxychlor	0.0971	0.00400	"	0.100		97.1	40-140		5.08	20	
Surrogate: Decachlorobiphenyl	*0.0873*		*"*	*0.200*		*43.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0365*		*"*	*0.200*		*18.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41569 - EPA SW846-3510C Low Level											
Blank (BI41569-BLK2) Blank								Prepared & Analyzed: 09/25/2024			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0930*		"	*0.200*		*46.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.141*		"	*0.200*		*70.5*	*30-150*				
LCS (BI41569-BS2) LCS								Prepared & Analyzed: 09/25/2024			
Aroclor 1016	0.599	0.0500	ug/L	1.00		59.9	40-120			20	
Aroclor 1260	0.747	0.0500	"	1.00		74.7	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0760*		"	*0.200*		*38.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0990*		"	*0.200*		*49.5*	*30-150*				
LCS Dup (BI41569-BSD2) LCS Dup								Prepared & Analyzed: 09/25/2024			
Aroclor 1016	0.612	0.0500	ug/L	1.00		61.2	40-120		2.11	20	
Aroclor 1260	0.736	0.0500	"	1.00		73.6	40-120		1.56	20	
Surrogate: Tetrachloro-m-xylene	*0.0900*		"	*0.200*		*45.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.117*		"	*0.200*		*58.5*	*30-150*				
Batch BI41607 - EPA 3550C											
Blank (BI41607-BLK2) Blank								Prepared: 09/25/2024 Analyzed: 09/26/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0631*		"	*0.0664*		*95.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0492*		"	*0.0664*		*74.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41607 - EPA 3550C											
LCS (BI41607-BS2) LCS								Prepared: 09/25/2024 Analyzed: 09/26/2024			
Aroclor 1016	0.360	0.0166	mg/kg wet	0.332		108	40-130				
Aroclor 1260	0.389	0.0166	"	0.332		117	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0674*		"	*0.0664*		*102*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0528*		"	*0.0664*		*79.5*	*30-120*				
Matrix Spike (BI41607-MS2) Matrix Spike *Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/25/2024 Analyzed: 09/26/2024			
Aroclor 1016	0.242	0.0186	mg/kg dry	0.372	ND	65.0	40-140				
Aroclor 1260	0.238	0.0186	"	0.372	ND	64.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0417*		"	*0.0745*		*56.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0302*		"	*0.0745*		*40.5*	*30-120*				
Matrix Spike Dup (BI41607-M Matrix Spike Dup *Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/25/2024 Analyzed: 09/26/2024			
Aroclor 1016	0.449	0.0186	mg/kg dry	0.372	ND	121	40-140		60.0	50	Non-dir.
Aroclor 1260	0.469	0.0186	"	0.372	ND	126	40-140		65.2	50	Non-dir.
Surrogate: Tetrachloro-m-xylene	*0.0827*		"	*0.0745*		*111*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0633*		"	*0.0745*		*85.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41588 - EPA 3550C/8151A											
Blank (BI41588-BLK1) Blank								Prepared & Analyzed: 09/25/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.422*		*"*	*0.415*		*102*	*21-150*				
LCS (BI41588-BS1) LCS								Prepared & Analyzed: 09/25/2024			
2,4,5-T	0.0681	0.0199	mg/kg wet	0.0664		102	10-120				
2,4,5-TP (Silvex)	0.0681	0.0199	"	0.0664		102	10-120				
2,4-D	0.0731	0.0199	"	0.0664		110	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.385*		*"*	*0.415*		*92.6*	*21-150*				
Batch BI41610 - EPA 3550C/8151A											
Blank (BI41610-BLK1) Blank								Prepared: 09/25/2024 Analyzed: 09/26/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.415*		*"*	*0.415*		*100*	*21-150*				
LCS (BI41610-BS1) LCS								Prepared: 09/25/2024 Analyzed: 09/26/2024			
2,4,5-T	0.0648	0.0199	mg/kg wet	0.0664		97.5	10-120				
2,4,5-TP (Silvex)	0.0648	0.0199	"	0.0664		97.5	10-120				
2,4-D	0.0714	0.0199	"	0.0664		108	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.441*		*"*	*0.415*		*106*	*21-150*				
Matrix Spike (BI41610-MS1) Matrix Spike *Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/25/2024 Analyzed: 09/26/2024			
2,4,5-T	0.0680	0.0223	mg/kg dry	0.0745	ND	91.2	10-120				
2,4,5-TP (Silvex)	0.0670	0.0223	"	0.0745	ND	90.0	10-120				
2,4-D	0.0894	0.0223	"	0.0745	ND	120	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.426*		*"*	*0.465*		*91.6*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41610 - EPA 3550C/8151A											
Matrix Spike Dup (BI41610-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)								Prepared: 09/25/2024 Analyzed: 09/26/2024		
2,4,5-T	0.0642	0.0223	mg/kg dry	0.0745	ND	86.2	10-120		5.63	35	
2,4,5-TP (Silvex)	0.0661	0.0223	"	0.0745	ND	88.8	10-120		1.40	35	
2,4-D	0.0875	0.0223	"	0.0745	ND	118	10-118		2.11	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.418*		*"*	*0.465*		*89.8*	*21-150*				
Batch BI41667 - EPA 8151A											
Blank (BI41667-BLK1) Blank									Prepared: 09/26/2024 Analyzed: 09/27/2024		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*74.8*		*"*	*125*		*59.8*	*30-150*				
LCS (BI41667-BS1) LCS									Prepared: 09/26/2024 Analyzed: 09/27/2024		
2,4,5-T	17.5	5.00	ug/L	20.0		87.5	10-140				
2,4,5-TP (Silvex)	17.5	5.00	"	20.0		87.5	10-139				
2,4-D	17.2	5.00	"	20.0		86.2	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*103*		*"*	*125*		*82.2*	*30-150*				
LCS Dup (BI41667-BSD1) LCS Dup									Prepared: 09/26/2024 Analyzed: 09/27/2024		
2,4,5-T	14.5	5.00	ug/L	20.0		72.5	10-140		18.8	30	
2,4,5-TP (Silvex)	17.0	5.00	"	20.0		85.0	10-139		2.90	30	
2,4-D	18.0	5.00	"	20.0		90.0	10-140		4.26	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*109*		*"*	*125*		*87.2*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41627 - EPA 3050B											
Blank (BI41627-BLK1) Blank									Prepared: 09/25/2024 Analyzed: 09/27/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	9.68	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	29.5	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BI41627-DUP1) Duplicate *Source sample: 24I1448-01 (PE35_20.5)									Prepared: 09/25/2024 Analyzed: 09/27/2024		
Aluminum	7610	4.67	mg/kg dry		8160				6.95	35	
Antimony	ND	2.33	"		ND					35	
Arsenic	1.77	1.40	"		1.77				0.00	35	
Barium	11.2	2.33	"		11.7				4.15	35	
Beryllium	ND	0.047	"		ND					35	
Cadmium	ND	0.280	"		ND					35	
Calcium	692	4.67	"		718				3.64	35	
Chromium	13.6	0.467	"		14.6				7.22	35	
Cobalt	3.91	0.373	"		4.47				13.4	35	
Copper	9.02	1.87	"		9.59				6.12	35	
Iron	7950	23.3	"		9160				14.1	35	
Lead	7.26	0.467	"		6.85				5.83	35	
Magnesium	1590	4.67	"		1970				21.1	35	
Manganese	44.4	0.467	"		53.3				18.2	35	
Nickel	14.7	0.930	"		16.9				13.7	35	
Potassium	334	4.67	"		314				6.07	35	
Selenium	ND	2.33	"		ND					35	
Silver	ND	0.471	"		ND					35	
Sodium	47.3	46.7	"		49.3				4.00	35	
Thallium	ND	2.33	"		ND					35	
Vanadium	16.9	0.930	"		18.7				10.1	35	
Zinc	29.8	2.33	"		32.2				7.56	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41627 - EPA 3050B											
Matrix Spike (BI41627-MS1) Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared: 09/25/2024 Analyzed: 09/27/2024			
Aluminum	7690	4.67	mg/kg dry	224	8160	NR	75-125	Low Bias			
Antimony	9.51	2.33	"	28.0	ND	33.9	75-125	Low Bias			
Arsenic	191	1.40	"	224	1.77	84.5	75-125				
Barium	217	2.33	"	224	11.7	91.4	75-125				
Beryllium	5.07	0.047	"	5.60	ND	90.5	75-125				
Cadmium	4.87	0.280	"	5.60	ND	86.8	75-125				
Calcium	675	4.67	"	112	718	NR	75-125	Low Bias			
Chromium	34.4	0.467	"	22.4	14.6	88.1	75-125				
Cobalt	54.5	0.373	"	56.0	4.47	89.3	75-125				
Copper	36.2	1.87	"	28.0	9.59	95.1	75-125				
Iron	8750	23.3	"	112	9160	NR	75-125	Low Bias			
Lead	55.4	0.467	"	56.0	6.85	86.7	75-125				
Magnesium	1700	4.67	"	112	1970	NR	75-125	Low Bias			
Manganese	96.7	0.467	"	56.0	53.3	77.5	75-125				
Nickel	65.5	0.930	"	56.0	16.9	86.7	75-125				
Potassium	415	4.67	"	112	314	89.4	75-125				
Selenium	181	2.33	"	224	ND	80.7	75-125				
Silver	4.71	0.471	"	5.60	ND	84.0	75-125				
Sodium	131	46.7	"	112	49.3	73.0	75-125	Low Bias			
Thallium	194	2.33	"	224	ND	86.5	75-125				
Vanadium	65.8	0.930	"	56.0	18.7	84.0	75-125				
Zinc	77.5	2.33	"	56.0	32.2	80.9	75-125				
Post Spike (BI41627-PS1) Post Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared: 09/25/2024 Analyzed: 09/27/2024			
Aluminum	87.8		ug/mL	2.00	87.3	23.4	75-125	Low Bias			
Antimony	0.260		"	0.250	-0.014	104	75-125				
Arsenic	2.02		"	2.00	0.019	99.8	75-125				
Barium	2.24		"	2.00	0.125	106	75-125				
Beryllium	0.053		"	0.0500	-0.0001	106	75-125				
Cadmium	0.051		"	0.0500	0.00	102	75-125				
Calcium	8.39		"	1.00	7.69	70.1	75-125	Low Bias			
Chromium	0.360		"	0.200	0.156	102	75-125				
Cobalt	0.573		"	0.500	0.048	105	75-125				
Copper	0.377		"	0.250	0.103	110	75-125				
Iron	97.9		"	1.00	98.1	NR	75-125	Low Bias			
Lead	0.584		"	0.500	0.073	102	75-125				
Magnesium	21.6		"	1.00	21.0	52.5	75-125	Low Bias			
Manganese	1.08		"	0.500	0.570	102	75-125				
Nickel	0.696		"	0.500	0.181	103	75-125				
Potassium	4.40		"	1.00	3.37	103	75-125				
Selenium	1.92		"	2.00	0.004	95.7	75-125				
Silver	0.051		"	0.0500	-0.0003	102	75-125				
Sodium	1.42		"	1.00	0.527	89.6	75-125				
Thallium	2.03		"	2.00	-0.010	102	75-125				
Vanadium	0.709		"	0.500	0.200	102	75-125				
Zinc	0.850		"	0.500	0.344	101	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41627 - EPA 3050B											
Reference (BI41627-SRM1) Reference									Prepared: 09/25/2024 Analyzed: 09/27/2024		
Aluminum	5650	4.17	mg/kg wet	7680		73.6	35.7-119				
Antimony	63.1	2.08	"	244		25.9	0-99.5				
Arsenic	239	1.25	"	283		84.3	69.9-101.4				
Barium	301	2.08	"	326		92.3	73.9-107.1				
Beryllium	169	0.042	"	175		96.5	75.4-107.4				
Cadmium	86.1	0.250	"	95.8		89.9	72.3-103.7				
Calcium	5010	4.17	"	5470		91.5	79.5-113.2				
Chromium	215	0.417	"	239		90.0	72.4-106.3				
Cobalt	141	0.333	"	150		94.1	76-107.3				
Copper	209	1.67	"	217		96.4	74.7-105.1				
Iron	6200	20.8	"	7360		84.2	53-127.9				
Lead	193	0.417	"	210		92.1	75.7-109.5				
Magnesium	1750	4.17	"	2080		84.3	67.3-111.1				
Manganese	250	0.417	"	290		86.2	73.4-108.3				
Nickel	303	0.830	"	329		92.0	74.5-106.7				
Potassium	1650	4.17	"	2330		71.0	60.9-111.6				
Selenium	267	2.08	"	281		95.0	77.6-116.7				
Silver	70.0	0.420	"	82.7		84.6	73.7-111.7				
Sodium	354	41.7	"	427		82.9	71.2-118.7				
Thallium	108	2.08	"	123		88.1	70.2-104.8				
Vanadium	167	0.830	"	192		86.9	68.8-107.8				
Zinc	236	2.08	"	260		90.6	72.7-109.2				
Batch BI41719 - EPA 3050B											
Blank (BI41719-BLK1) Blank									Prepared: 09/26/2024 Analyzed: 09/27/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	26.8	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41719 - EPA 3050B											
Reference (BI41719-SRM1) Reference								Prepared: 09/26/2024 Analyzed: 09/27/2024			
Aluminum	5590	4.17	mg/kg wet	7680		72.8	35.7-119				
Antimony	81.9	2.08	"	244		33.6	0-99.5				
Arsenic	251	1.25	"	283		88.8	69.9-101.4				
Barium	324	2.08	"	326		99.3	73.9-107.1				
Beryllium	180	0.042	"	175		103	75.4-107.4				
Cadmium	87.6	0.250	"	95.8		91.5	72.3-103.7				
Calcium	5440	4.17	"	5470		99.5	79.5-113.2				
Chromium	232	0.417	"	239		97.2	72.4-106.3				
Cobalt	150	0.333	"	150		99.8	76-107.3				
Copper	226	1.67	"	217		104	74.7-105.1				
Iron	6360	20.8	"	7360		86.4	53-127.9				
Lead	206	0.417	"	210		97.9	75.7-109.5				
Magnesium	1740	4.17	"	2080		83.7	67.3-111.1				
Manganese	337	0.417	"	290		116	73.4-108.3	High Bias			
Nickel	320	0.830	"	329		97.2	74.5-106.7				
Potassium	1660	4.17	"	2330		71.1	60.9-111.6				
Selenium	279	2.08	"	281		99.4	77.6-116.7				
Silver	78.2	0.420	"	82.7		94.5	73.7-111.7				
Sodium	348	41.7	"	427		81.5	71.2-118.7				
Thallium	110	2.08	"	123		89.8	70.2-104.8				
Vanadium	184	0.830	"	192		95.9	68.8-107.8				
Zinc	244	2.08	"	260		94.0	72.7-109.2				
Batch BI41774 - EPA 3015A											
Blank (BI41774-BLK1) Blank								Prepared: 09/27/2024 Analyzed: 09/30/2024			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.195	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41774 - EPA 3015A											
LCS (BI41774-BS1) LCS									Prepared: 09/27/2024 Analyzed: 09/30/2024		
Aluminum	2.08		ug/mL	2.00		104	80-120				
Barium	2.06		"	2.00		103	80-120				
Calcium	0.941		"	1.00		94.1	80-120				
Chromium	0.205		"	0.200		103	80-120				
Cobalt	0.515		"	0.500		103	80-120				
Copper	0.285		"	0.250		114	80-120				
Iron	1.02		"	1.00		102	80-120				
Lead	0.500		"	0.500		100	80-120				
Magnesium	1.04		"	1.00		104	80-120				
Manganese	0.512		"	0.500		102	80-120				
Nickel	0.523		"	0.500		105	80-120				
Potassium	0.812		"	1.00		81.2	80-120				
Silver	0.0495		"	0.0500		99.0	80-120				
Sodium	1.07		"	1.00		107	80-120				
Vanadium	0.508		"	0.500		102	80-120				
Zinc	0.508		"	0.500		102	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41679 - EPA 3015A											
Blank (BI41679-BLK1) Blank								Prepared & Analyzed: 09/26/2024			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BI41679-BS1) LCS								Prepared & Analyzed: 09/26/2024			
Antimony	50.1		ug/L	50.0		100	80-120				
Arsenic	53.4		"	50.0		107	80-120				
Beryllium	48.3		"	50.0		96.5	80-120				
Cadmium	51.1		"	50.0		102	80-120				
Selenium	49.2		"	50.0		98.4	80-120				
Thallium	48.4		"	50.0		96.9	80-120				
Duplicate (BI41679-DUP1) Duplicate *Source sample: 24I1448-08 (FB_09242024)								Prepared & Analyzed: 09/26/2024			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	ND	0.00111	"		ND					20	
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		ND					20	
Selenium	ND	0.00111	"		ND					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BI41679-MS1) Matrix Spike *Source sample: 24I1448-08 (FB_09242024)								Prepared & Analyzed: 09/26/2024			
Antimony	48.4		ug/L	50.0	-0.637	96.8	75-125				
Arsenic	54.1		"	50.0	0.017	108	75-125				
Beryllium	47.3		"	50.0	0.013	94.5	75-125				
Cadmium	49.0		"	50.0	0.019	98.0	75-125				
Selenium	48.1		"	50.0	0.584	94.9	75-125				
Thallium	49.3		"	50.0	0.017	98.6	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41578 - EPA SW846-7470A												
Blank (BI41578-BLK1)	Blank								Prepared & Analyzed: 09/25/2024			
Mercury		ND	0.0002	mg/L								
Blank (BI41578-BLK2)	Blank								Prepared & Analyzed: 09/25/2024			
Mercury		ND	0.0002	mg/L								
LCS (BI41578-BS1)	LCS								Prepared & Analyzed: 09/25/2024			
Mercury		0.0018849	0.0002	mg/L	0.00200		94.2	80-120				
LCS (BI41578-BS2)	LCS								Prepared & Analyzed: 09/25/2024			
Mercury		0.0020083	0.0002	mg/L	0.00200		100	80-120				
Batch BI41614 - EPA 7473 soil												
Blank (BI41614-BLK1)	Blank								Prepared: 09/25/2024 Analyzed: 09/26/2024			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BI41614-DUP1)	Duplicate	*Source sample: 24I1448-01 (PE35_20.5)							Prepared: 09/25/2024 Analyzed: 09/26/2024			
Mercury		ND	0.0336	mg/kg dry		0.234					35	
Matrix Spike (BI41614-MS1)	Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared: 09/25/2024 Analyzed: 09/26/2024			
Mercury		0.485		mg/kg	0.500	0.209	55.2	75-125	Low Bias			
Reference (BI41614-SRM1)	Reference								Prepared: 09/25/2024 Analyzed: 09/26/2024			
Mercury		15.352		mg/kg	18.2		84.4	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41555 - Analysis Preparation												
Blank (BI41555-BLK1)	Blank								Prepared & Analyzed: 09/24/2024			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BI41555-BS1)	LCS								Prepared & Analyzed: 09/24/2024			
Chromium, Hexavalent		0.471	0.0100	mg/L	0.500		94.2	85-115				
Duplicate (BI41555-DUP1)	Duplicate	*Source sample: 24I1448-08 (FB_09242024)							Prepared & Analyzed: 09/24/2024			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BI41555-MS1)	Matrix Spike	*Source sample: 24I1448-08 (FB_09242024)							Prepared & Analyzed: 09/24/2024			
Chromium, Hexavalent		0.491	0.0100	mg/L	0.500	ND	98.2	85-115				
Matrix Spike Dup (BI41555-M	Matrix Spike Dup	*Source sample: 24I1448-08 (FB_09242024)							Prepared & Analyzed: 09/24/2024			
Chromium, Hexavalent		0.514	0.0100	mg/L	0.500	ND	103	85-115		4.58	200	
Batch BI41560 - Analysis Preparation Soil												
Blank (BI41560-BLK1)	Blank								Prepared & Analyzed: 09/25/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BI41560-DUP1)	Duplicate	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Cyanide, total		ND	0.560	mg/kg dry		ND					15	
Matrix Spike (BI41560-MS1)	Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Cyanide, total		5.21	0.560	mg/kg dry	5.60	ND	93.0	79.6-107				
Matrix Spike Dup (BI41560-M	Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Cyanide, total		5.83	0.560	mg/kg dry	5.60	ND	104	79.6-107		11.2	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41560 - Analysis Preparation Soil											
Reference (BI41560-SRM1) Reference								Prepared & Analyzed: 09/25/2024			
Cyanide, total	49.2		ug/mL	59.7		82.4	38.5-161.4				
Batch BI41629 - EPA SW846-3060											
Blank (BI41629-BLK1) Blank								Prepared & Analyzed: 09/25/2024			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BI41629-DUP1) Duplicate	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Chromium, Hexavalent	ND	0.560	mg/kg dry		ND					35	
Matrix Spike (BI41629-MS1) Matrix Spike	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Chromium, Hexavalent	12.9	0.560	mg/kg dry	22.4	ND	57.6	75-125	Low Bias			
Matrix Spike Dup (BI41629-M Matrix Spike Dup	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
Chromium, Hexavalent	14.8	0.560	mg/kg dry	22.4	ND	66.0	75-125	Low Bias	13.6	200	
Reference (BI41629-SRM1) Reference								Prepared & Analyzed: 09/25/2024			
Chromium, Hexavalent	200		mg/L	227		88.2	42.3-157.7				
Batch BI41669 - Analysis Preparation Soil											
Blank (BI41669-BLK1) Blank								Prepared & Analyzed: 09/26/2024			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BI41669-SRM1) Reference								Prepared & Analyzed: 09/26/2024			
Cyanide, total	60.1		ug/mL	59.7		101	38.5-161.4				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41709 - Analysis Preparation											
Blank (BI41709-BLK1) Blank									Prepared & Analyzed: 09/26/2024		
Cyanide, total	ND	0.0100	mg/L								
LCS (BI41709-BS1) LCS									Prepared & Analyzed: 09/26/2024		
Cyanide, total	0.105	0.0100	mg/L	0.100		105	80-120				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41570 - % Solids Prep											
Duplicate (BI41570-DUP1) Duplicate	*Source sample: 24I1448-01 (PE35_20.5)							Prepared & Analyzed: 09/25/2024			
% Solids	89.6	0.100	%		89.2				0.476	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24I1448-01	PE35_20.5	40mL Vial with Stir Bar-Cool 4° C
24I1448-02	PE36_20	40mL Vial with Stir Bar-Cool 4° C
24I1448-03	PE43_21	40mL Vial with Stir Bar-Cool 4° C
24I1448-04	PE52_19.5	40mL Vial with Stir Bar-Cool 4° C
24I1448-05	PE60_19.5	40mL Vial with Stir Bar-Cool 4° C
24I1448-06	DUP_09242024	40mL Vial with Stir Bar-Cool 4° C
24I1448-08	FB_09242024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24I1448-09	TB_09242024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
S-08	The recovery of this surrogate was outside of QC limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24I1448

Page 1 of 1

Report To:
Company: LANGAN
Address: 300 Kimball Dr Parsippany, NJ 07054
Phone.: 973-560-4900
Contact: Lauren Kott
E-mail: lkott@langan.com

Invoice To:
Company:
Address: SAME
Phone.:
Contact:
E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Ave

PO Number:

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Daniel Horvath

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Samples Collected From: NY X NJ CT PA Other: (please specify)

Turn-Around Time
RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
RUSH - Five Day
Standard (6-9 Day) X
PFAS Standard 7-10 Day

Report Type (circle)
QA Report
Summary (Results Only)
NY ASP B Package
NJ Reduced
NJ DKQP
NJ Full
CT RCP

EDD Type (circle)
EQuIS (standard)
NYSDEC EQuIS
NJDEP SRP Haz Site
Standard Excel
CMDP
Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp. G/C
PE35-20.5	09/24	1200	S	3									1	X	X	X	X	X	X	X	X	X	
PE36-20		1205		3									1										
PE43-21		1210		3									1										
PE52-19.5		1215		3									1										
PE60-19.5		1220		3									1										
DUP-09242024		1230		3									1										
EB-09242024		1400	AQ	2																X			
FB-09242024		1430	AQ	10	3		1		1					X	X	X	X	X	X	X	X	X	
TB-09242024					2									X									

Comments: Extra volume provided for PE35-20.5 for MS/MSD

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Daniel Horvath/LANGAN — Date/Time: 09/24/24 1530	1. Samples Received by / Company: — Date/Time: 9/25/24 1535	2. Samples Relinquished by / Company: — Date/Time: 9/24/24 2010
2. Samples Received by / Company: — Date/Time:	3. Samples Relinquished by / Company: — Date/Time:	3. Samples Received by / Company: — Date/Time:
3. Samples Relinquished by / Company: — Date/Time:	4. Samples Received by / Company: — Date/Time:	Samples Received in LAB by: — Date/Time: 9/24/24 2010 — Temperature: 4.3 degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/11/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0297

Report Date: 10/11/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0297

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 03, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J0297-01	PE47_17.5	Soil	10/03/2024	10/03/2024
24J0297-02	PE55_17	Soil	10/03/2024	10/03/2024
24J0297-03	TB_10032024	Water	10/03/2024	10/03/2024

General Notes for York Project (SDG) No.: 24J0297

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 10/11/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.062	0.12	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.014**	CCVE, ICVE	mg/kg dry	0.0062	0.012	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0062	0.012	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.010**	J	mg/kg dry	0.0062	0.012	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.0048**	J	mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	10/04/2024 12:00	10/04/2024 13:36	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	10/08/2024 09:16	10/09/2024 18:46	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*84.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*82.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*85.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*95.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/07/2024 08:29	10/09/2024 14:02	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*74.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.191	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0571	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.197	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.200	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.431	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.216	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.641	0.819	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.814	0.828	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.862	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.384	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.208	0.431	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0668	0.431	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.431	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.203	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.641	0.808	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 17:32	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.655	0.862	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 17:32	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.335	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 17:32	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.265	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 17:32	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 17:32	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 17:32	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.683	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.26	5.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ug/kg dry	1.62	5.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.659	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.751	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 17:32	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*133 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*149 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*148 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*129 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*135 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*108 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*110 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*150 %*	PFSu-H	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*135 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*68.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*77.9 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*104 %*		*25-200*

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*162 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*140 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*57.8 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*65.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*54.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*153 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*51.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*58.8 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:44	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	10/07/2024 13:41	10/08/2024 13:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	10/07/2024 13:41	10/08/2024 13:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	10/07/2024 13:41	10/08/2024 13:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*95.4 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5030**		mg/kg dry	4.56	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.28	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.37	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**7.78**		mg/kg dry	2.28	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**509**	B	mg/kg dry	4.56	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.44**		mg/kg dry	0.457	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.33**		mg/kg dry	0.365	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**7.10**		mg/kg dry	1.83	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**5320**		mg/kg dry	22.8	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**2.87**		mg/kg dry	0.457	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1420**		mg/kg dry	4.57	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**40.2**		mg/kg dry	0.457	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**9.79**		mg/kg dry	0.909	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**398**	M-CCV 1	mg/kg dry	4.57	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND	M-CCV 1	mg/kg dry	45.6	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.28	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**10.9**		mg/kg dry	0.909	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**13.3**		mg/kg dry	2.27	1	EPA 6010D	10/06/2024 14:59	10/08/2024 12:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	10/05/2024 08:53	10/08/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.548	1	EPA 7196A	10/04/2024 15:20	10/04/2024 19:52	ZTS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.44**		mg/kg	0.500	1	Calculation	10/09/2024 11:28	10/09/2024 11:41	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.548	1	EPA 9014/9010C	10/07/2024 07:32	10/07/2024 14:51	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE47_17.5 **York Sample ID:** 24J0297-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:30 pm	10/03/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	10/04/2024 10:55	10/04/2024 13:14	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0061**	CCVE	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.041**	CCVE, ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0051	0.010	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0030**	J	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.010**		mg/kg dry	0.0051	0.010	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.0068**	QL-02	mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	10/04/2024 12:00	10/04/2024 14:53	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.197	0.395	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.395	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.197	0.395	2	EPA 8270D	10/08/2024 09:16	10/09/2024 19:15	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*87.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*90.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*91.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*106 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*98.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	10/07/2024 08:29	10/09/2024 14:19	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.130	0.208	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0622	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.123	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.210	0.215	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.202	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.196	0.218	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.222	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.224	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.232	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.191	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.147	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.121	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.174	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.228	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.128	0.470	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.171	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.182	0.235	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.224	0.227	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.698	0.892	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.886	0.901	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.128	0.939	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.163	0.418	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.227	0.470	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0728	0.470	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.470	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.184	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.698	0.880	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 18:20	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.714	0.939	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 18:20	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.365	0.887	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 18:20	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.289	0.878	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 18:20	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.204	0.887	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 18:20	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.198	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.146	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 18:20	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.744	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.46	5.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ug/kg dry	1.76	5.87	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.717	2.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.211	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.818	2.35	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.232	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 18:20	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*126 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*128 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*112 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*113 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*147 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*120 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*111 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*101 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*121 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*123 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*136 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*67.1 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*61.7 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*70.7 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*95.2 %*	*25-200*

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*133 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*126 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*57.4 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*62.9 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*46.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*158 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*45.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*55.5 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B	10/08/2024 08:38	10/08/2024 19:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A	10/08/2024 08:38	10/08/2024 18:58	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*112 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0236	1	EPA 8151A	10/07/2024 13:41	10/08/2024 13:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0236	1	EPA 8151A	10/07/2024 13:41	10/08/2024 13:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0236	1	EPA 8151A	10/07/2024 13:41	10/08/2024 13:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*93.0 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11800**		mg/kg dry	4.94	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.47	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.62**		mg/kg dry	1.48	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**18.4**		mg/kg dry	2.47	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.257**		mg/kg dry	0.050	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.296	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1000**		mg/kg dry	4.94	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**20.1**		mg/kg dry	0.494	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.54**		mg/kg dry	0.395	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**17.0**		mg/kg dry	1.98	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13700**		mg/kg dry	24.7	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**17.7**		mg/kg dry	0.494	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1710**		mg/kg dry	4.94	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**56.2**		mg/kg dry	0.494	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.5**		mg/kg dry	0.984	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**544**	M-CCV 1	mg/kg dry	4.94	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.47	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.498	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**179**		mg/kg dry	49.4	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.47	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.2**		mg/kg dry	0.984	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**25.1**		mg/kg dry	2.46	1	EPA 6010D	10/07/2024 17:18	10/10/2024 10:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0730**		mg/kg dry	0.0356	1	EPA 7473	10/05/2024 08:53	10/08/2024 15:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.593	1	EPA 7196A	10/04/2024 15:20	10/04/2024 19:52	ZTS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**20.1**		mg/kg	0.500	1	Calculation	10/09/2024 11:28	10/09/2024 11:41	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.593	1	EPA 9014/9010C	10/07/2024 07:32	10/07/2024 14:51	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE55_17 **York Sample ID:** 24J0297-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Soil	October 3, 2024 1:35 pm	10/03/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.4**		%	0.100	1	SM 2540G	10/04/2024 10:55	10/04/2024 13:14	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: TB_10032024 **York Sample ID:** 24J0297-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Water	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10032024 **York Sample ID:** 24J0297-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Water	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10032024 **York Sample ID:** 24J0297-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Water	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10032024 **York Sample ID:** 24J0297-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0297	100688801	Water	October 3, 2024 1:35 pm	10/03/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/04/2024 12:00	10/04/2024 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.1 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*70-130*

Analytical Batch Summary

Batch ID: BJ40322 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/04/24
24J0297-02	PE55_17	10/04/24
BJ40322-DUP1	Duplicate	10/04/24

Batch ID: BJ40344 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/04/24
24J0297-02	PE55_17	10/04/24
BJ40344-BLK1	Blank	10/04/24
BJ40344-DUP1	Duplicate	10/04/24
BJ40344-MS1	Matrix Spike	10/04/24
BJ40344-MSD1	Matrix Spike Dup	10/04/24
BJ40344-SRM1	Reference	10/04/24

Batch ID: BJ40350 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-03	TB_10032024	10/04/24
BJ40350-BLK1	Blank	10/04/24
BJ40350-BS1	LCS	10/04/24
BJ40350-BSD1	LCS Dup	10/04/24

Batch ID: BJ40351 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/04/24
24J0297-02	PE55_17	10/04/24
BJ40351-BLK1	Blank	10/04/24
BJ40351-BS1	LCS	10/04/24
BJ40351-BSD1	LCS Dup	10/04/24
BJ40351-MS1	Matrix Spike	10/04/24
BJ40351-MSD1	Matrix Spike Dup	10/04/24

Batch ID: BJ40360 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/05/24
24J0297-02	PE55_17	10/05/24
BJ40360-BLK1	Blank	10/05/24
BJ40360-DUP1	Duplicate	10/05/24
BJ40360-MS1	Matrix Spike	10/05/24
BJ40360-SRM1	Reference	10/05/24

Batch ID: BJ40383 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/06/24
BJ40383-BLK1	Blank	10/06/24
BJ40383-DUP1	Duplicate	10/06/24
BJ40383-MS1	Matrix Spike	10/06/24
BJ40383-PS1	Post Spike	10/06/24
BJ40383-SRM1	Reference	10/06/24

Batch ID: BJ40387 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/07/24
24J0297-02	PE55_17	10/07/24
BJ40387-BLK1	Blank	10/07/24
BJ40387-DUP1	Duplicate	10/07/24
BJ40387-MS1	Matrix Spike	10/07/24
BJ40387-MSD1	Matrix Spike Dup	10/07/24
BJ40387-SRM1	Reference	10/07/24

Batch ID: BJ40408 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/07/24
24J0297-02	PE55_17	10/07/24
BJ40408-BLK1	Blank	10/07/24
BJ40408-BS1	LCS	10/07/24
BJ40408-MS1	Matrix Spike	10/07/24
BJ40408-MSD1	Matrix Spike Dup	10/07/24

Batch ID: BJ40440 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/07/24
24J0297-02	PE55_17	10/07/24
BJ40440-BLK1	Blank	10/07/24
BJ40440-BS1	LCS	10/07/24
BJ40440-MS1	Matrix Spike	10/07/24
BJ40440-MSD1	Matrix Spike Dup	10/07/24

Batch ID: BJ40466 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-02	PE55_17	10/07/24
BJ40466-BLK1	Blank	10/07/24
BJ40466-SRM1	Reference	10/07/24

Batch ID: BJ40497 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/08/24
24J0297-01	PE47_17.5	10/08/24
24J0297-02	PE55_17	10/08/24
24J0297-02	PE55_17	10/08/24
BJ40497-BLK1	Blank	10/08/24
BJ40497-BLK2	Blank	10/08/24
BJ40497-BS1	LCS	10/08/24
BJ40497-BS2	LCS	10/08/24
BJ40497-MS1	Matrix Spike	10/08/24
BJ40497-MS2	Matrix Spike	10/08/24
BJ40497-MSD1	Matrix Spike Dup	10/08/24
BJ40497-MSD2	Matrix Spike Dup	10/08/24

Batch ID: BJ40504 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/08/24
24J0297-02	PE55_17	10/08/24
BJ40504-BLK1	Blank	10/08/24
BJ40504-BS1	LCS	10/08/24
BJ40504-MS1	Matrix Spike	10/08/24
BJ40504-MSD1	Matrix Spike Dup	10/08/24

Batch ID: BJ40531 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/08/24
24J0297-02	PE55_17	10/08/24
BJ40531-BLK1	Blank	10/08/24
BJ40531-BS1	LCS	10/08/24
BJ40531-BS2	LCS	10/08/24
BJ40531-MS1	Matrix Spike	10/08/24
BJ40531-MSD1	Matrix Spike Dup	10/08/24

Batch ID: BJ40598 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J0297-01	PE47_17.5	10/09/24
24J0297-02	PE55_17	10/09/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40350 - EPA 5030B											
Blank (BJ40350-BLK1) Blank									Prepared & Analyzed: 10/04/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40350 - EPA 5030B											
Blank (BJ40350-BLK1) Blank								Prepared & Analyzed: 10/04/2024			
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.71*		*"*	*10.0*		*97.1*	*70-130*				
LCS (BJ40350-BS1) LCS								Prepared & Analyzed: 10/04/2024			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126			30	
1,1,1-Trichloroethane	10.9		"	10.0		109	70-130			20	
1,1,2,2-Tetrachloroethane	9.54		"	10.0		95.4	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	70-130			20	
1,1,2-Trichloroethane	9.19		"	10.0		91.9	70-130			20	
1,1-Dichloroethane	10.9		"	10.0		109	70-130			20	
1,1-Dichloroethylene	12.1		"	10.0		121	70-130			20	
1,1-Dichloropropylene	11.2		"	10.0		112	83-133			30	
1,2,3-Trichlorobenzene	7.50		"	10.0		75.0	70-130			20	
1,2,3-Trichloropropane	9.58		"	10.0		95.8	77-128			30	
1,2,4-Trichlorobenzene	8.23		"	10.0		82.3	70-130			20	
1,2,4-Trimethylbenzene	12.2		"	10.0		122	82-132			20	
1,2-Dibromo-3-chloropropane	8.75		"	10.0		87.5	40-160			20	
1,2-Dibromoethane	8.84		"	10.0		88.4	70-130			20	
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130			20	
1,2-Dichloroethane	9.36		"	10.0		93.6	70-130			20	
1,2-Dichloropropane	11.4		"	10.0		114	70-130			20	
1,3,5-Trimethylbenzene	12.8		"	10.0		128	80-131			30	
1,3-Dichlorobenzene	11.1		"	10.0		111	70-130			20	
1,3-Dichloropropane	9.48		"	10.0		94.8	81-125			30	
1,4-Dichlorobenzene	10.6		"	10.0		106	70-130			20	
1,4-Dioxane	154		"	210		73.5	40-160			20	
2,2-Dichloropropane	11.6		"	10.0		116	56-150			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40350 - EPA 5030B											
LCS (BJ40350-BS1) LCS								Prepared & Analyzed: 10/04/2024			
2-Butanone	8.80		ug/L	10.0		88.0	40-160			20	
2-Chlorotoluene	12.6		"	10.0		126	79-130			30	
2-Hexanone	7.34		"	10.0		73.4	40-160			20	
4-Chlorotoluene	12.3		"	10.0		123	79-128			30	
4-Methyl-2-pentanone	6.48		"	10.0		64.8	40-160			20	
Acetone	8.63		"	10.0		86.3	40-160			20	
Acrolein	1.03		"	10.0		10.3	10-153			30	
Acrylonitrile	7.93		"	10.0		79.3	51-150			30	
Benzene	11.3		"	10.0		113	70-130			20	
Bromobenzene	11.3		"	10.0		113	78-129			30	
Bromochloromethane	9.65		"	10.0		96.5	70-130			20	
Bromodichloromethane	10.6		"	10.0		106	70-130			20	
Bromoform	6.49		"	10.0		64.9	70-130	Low Bias		20	
Bromomethane	11.5		"	10.0		115	40-160			20	
Carbon disulfide	12.6		"	10.0		126	40-160			20	
Carbon tetrachloride	11.3		"	10.0		113	70-130			20	
Chlorobenzene	10.8		"	10.0		108	70-130			20	
Chloroethane	11.7		"	10.0		117	40-160			20	
Chloroform	10.5		"	10.0		105	70-130			20	
Chloromethane	11.7		"	10.0		117	40-160			20	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	70-130			20	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	70-130			20	
Cyclohexane	5.58		"	10.0		55.8	70-130	Low Bias		20	
Dibromochloromethane	7.98		"	10.0		79.8	70-130			20	
Dibromomethane	8.85		"	10.0		88.5	72-134			30	
Dichlorodifluoromethane	13.4		"	10.0		134	40-160			20	
Ethyl Benzene	12.3		"	10.0		123	70-130			20	
Hexachlorobutadiene	9.63		"	10.0		96.3	67-146			30	
Isopropylbenzene	13.5		"	10.0		135	70-130	High Bias		20	
Methyl acetate	7.21		"	10.0		72.1	70-130			20	
Methyl tert-butyl ether (MTBE)	7.93		"	10.0		79.3	70-130			20	
Methylcyclohexane	11.6		"	10.0		116	70-130			20	
Methylene chloride	10.4		"	10.0		104	70-130			20	
n-Butylbenzene	11.9		"	10.0		119	79-132			30	
n-Propylbenzene	13.4		"	10.0		134	78-133	High Bias		30	
o-Xylene	11.4		"	10.0		114	70-130			20	
p- & m- Xylenes	24.2		"	20.0		121	70-130			20	
p-Isopropyltoluene	12.8		"	10.0		128	81-136			30	
sec-Butylbenzene	12.6		"	10.0		126	79-137			30	
Styrene	11.5		"	10.0		115	70-130			20	
tert-Butyl alcohol (TBA)	22.2		"	50.0		44.5	25-162			30	
tert-Butylbenzene	11.3		"	10.0		113	77-138			30	
Tetrachloroethylene	11.4		"	10.0		114	70-130			20	
Toluene	11.9		"	10.0		119	70-130			20	
trans-1,2-Dichloroethylene	11.4		"	10.0		114	70-130			20	
trans-1,3-Dichloropropylene	9.59		"	10.0		95.9	70-130			20	
Trichloroethylene	11.7		"	10.0		117	70-130			20	
Trichlorofluoromethane	11.7		"	10.0		117	40-160			20	
Vinyl Chloride	12.1		"	10.0		121	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*7.95*		*"*	*10.0*		*79.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40350 - EPA 5030B											
LCS (BJ40350-BS1) LCS								Prepared & Analyzed: 10/04/2024			
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*ug/L*	*10.0*		*102*	*70-130*				
LCS Dup (BJ40350-BSD1) LCS Dup								Prepared & Analyzed: 10/04/2024			
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126		2.46	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	70-130		4.30	20	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	70-130		10.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	70-130		3.12	20	
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130		12.1	20	
1,1-Dichloroethane	10.8		"	10.0		108	70-130		1.38	20	
1,1-Dichloroethylene	11.5		"	10.0		115	70-130		5.16	20	
1,1-Dichloropropylene	11.0		"	10.0		110	83-133		2.16	30	
1,2,3-Trichlorobenzene	8.74		"	10.0		87.4	70-130		15.3	20	
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128		6.56	30	
1,2,4-Trichlorobenzene	8.85		"	10.0		88.5	70-130		7.26	20	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		14.9	20	
1,2-Dibromo-3-chloropropane	9.77		"	10.0		97.7	40-160		11.0	20	
1,2-Dibromoethane	10.4		"	10.0		104	70-130		16.6	20	
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130		2.73	20	
1,2-Dichloroethane	11.0		"	10.0		110	70-130		15.8	20	
1,2-Dichloropropane	11.0		"	10.0		110	70-130		2.77	20	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131		18.0	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	70-130		9.62	20	
1,3-Dichloropropane	10.6		"	10.0		106	81-125		11.4	30	
1,4-Dichlorobenzene	9.86		"	10.0		98.6	70-130		6.86	20	
1,4-Dioxane	210		"	210		99.9	40-160		30.4	20	Non-dir.
2,2-Dichloropropane	11.2		"	10.0		112	56-150		3.67	30	
2-Butanone	11.5		"	10.0		115	40-160		26.9	20	Non-dir.
2-Chlorotoluene	10.6		"	10.0		106	79-130		16.9	30	
2-Hexanone	10.2		"	10.0		102	40-160		32.3	20	Non-dir.
4-Chlorotoluene	10.7		"	10.0		107	79-128		14.3	30	
4-Methyl-2-pentanone	9.26		"	10.0		92.6	40-160		35.3	20	Non-dir.
Acetone	11.0		"	10.0		110	40-160		23.8	20	Non-dir.
Acrolein	1.28		"	10.0		12.8	10-153		21.6	30	
Acrylonitrile	11.5		"	10.0		115	51-150		36.9	30	Non-dir.
Benzene	11.3		"	10.0		113	70-130		0.0887	20	
Bromobenzene	10.5		"	10.0		105	78-129		7.98	30	
Bromochloromethane	11.1		"	10.0		111	70-130		13.8	20	
Bromodichloromethane	10.8		"	10.0		108	70-130		1.59	20	
Bromoform	8.06		"	10.0		80.6	70-130		21.6	20	Non-dir.
Bromomethane	10.7		"	10.0		107	40-160		7.57	20	
Carbon disulfide	12.2		"	10.0		122	40-160		3.07	20	
Carbon tetrachloride	10.9		"	10.0		109	70-130		3.24	20	
Chlorobenzene	10.5		"	10.0		105	70-130		3.48	20	
Chloroethane	10.8		"	10.0		108	40-160		8.10	20	
Chloroform	10.7		"	10.0		107	70-130		1.99	20	
Chloromethane	11.0		"	10.0		110	40-160		6.24	20	
cis-1,2-Dichloroethylene	11.2		"	10.0		112	70-130		2.16	20	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	70-130		4.93	20	
Cyclohexane	5.44		"	10.0		54.4	70-130	Low Bias	2.54	20	
Dibromochloromethane	8.89		"	10.0		88.9	70-130		10.8	20	
Dibromomethane	10.2		"	10.0		102	72-134		14.4	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40350 - EPA 5030B											
LCS Dup (BJ40350-BSD1) LCS Dup							Prepared & Analyzed: 10/04/2024				
Dichlorodifluoromethane	12.8		ug/L	10.0		128	40-160		4.74	20	
Ethyl Benzene	11.3		"	10.0		113	70-130		8.05	20	
Hexachlorobutadiene	8.14		"	10.0		81.4	67-146		16.8	30	
Isopropylbenzene	10.8		"	10.0		108	70-130		21.9	20	Non-dir.
Methyl acetate	9.99		"	10.0		99.9	70-130		32.3	20	Non-dir.
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	70-130		32.3	20	Non-dir.
Methylcyclohexane	10.3		"	10.0		103	70-130		11.9	20	
Methylene chloride	11.2		"	10.0		112	70-130		7.37	20	
n-Butylbenzene	10.3		"	10.0		103	79-132		14.6	30	
n-Propylbenzene	10.9		"	10.0		109	78-133		20.8	30	
o-Xylene	11.0		"	10.0		110	70-130		3.92	20	
p- & m- Xylenes	22.4		"	20.0		112	70-130		7.67	20	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		17.6	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		18.8	30	
Styrene	11.6		"	10.0		116	70-130		1.38	20	
tert-Butyl alcohol (TBA)	44.2		"	50.0		88.3	25-162		66.0	30	Non-dir.
tert-Butylbenzene	9.28		"	10.0		92.8	77-138		19.6	30	
Tetrachloroethylene	10.1		"	10.0		101	70-130		12.3	20	
Toluene	10.7		"	10.0		107	70-130		11.0	20	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	70-130		2.12	20	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	70-130		9.91	20	
Trichloroethylene	10.4		"	10.0		104	70-130		11.8	20	
Trichlorofluoromethane	11.0		"	10.0		110	40-160		6.27	20	
Vinyl Chloride	11.1		"	10.0		111	70-130		8.73	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.78*		*"*	*10.0*		*97.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.67*		*"*	*10.0*		*96.7*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
Blank (BJ40351-BLK1) Blank									Prepared & Analyzed: 10/04/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
Blank (BJ40351-BLK1) Blank								Prepared & Analyzed: 10/04/2024			
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.8*		*"*	*50.0*		*91.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*76-130*				
LCS (BJ40351-BS1) LCS								Prepared & Analyzed: 10/04/2024			
1,1,1,2-Tetrachloroethane	49.6		ug/L	50.0		99.3	75-129			30	
1,1,1-Trichloroethane	55.8		"	50.0		112	70-130			30	
1,1,2,2-Tetrachloroethane	48.0		"	50.0		96.1	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.6		"	50.0		111	70-130			30	
1,1,2-Trichloroethane	47.7		"	50.0		95.4	70-130			30	
1,1-Dichloroethane	55.8		"	50.0		112	70-130			30	
1,1-Dichloroethylene	60.6		"	50.0		121	70-130			30	
1,1-Dichloropropylene	57.0		"	50.0		114	77-127			30	
1,2,3-Trichlorobenzene	48.0		"	50.0		96.1	70-130			30	
1,2,3-Trichloropropane	46.3		"	50.0		92.5	81-126			30	
1,2,4-Trichlorobenzene	49.2		"	50.0		98.3	70-130			30	
1,2,4-Trimethylbenzene	48.5		"	50.0		97.0	84-125			30	
1,2-Dibromo-3-chloropropane	49.7		"	50.0		99.5	40-160			30	
1,2-Dibromoethane	47.8		"	50.0		95.6	70-130			30	
1,2-Dichlorobenzene	46.4		"	50.0		92.7	70-130			30	
1,2-Dichloroethane	55.0		"	50.0		110	70-130			30	
1,2-Dichloropropane	49.7		"	50.0		99.4	70-130			30	
1,3,5-Trimethylbenzene	47.6		"	50.0		95.2	82-126			30	
1,3-Dichlorobenzene	44.4		"	50.0		88.7	70-130			30	
1,3-Dichloropropane	49.0		"	50.0		98.0	83-123			30	
1,4-Dichlorobenzene	44.6		"	50.0		89.2	70-130			30	
1,4-Dioxane	804		"	1050		76.6	40-160			30	
2,2-Dichloropropane	69.8		"	50.0		140	67-136	High Bias		30	
2-Butanone	51.1		"	50.0		102	40-160			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
LCS (BJ40351-BS1) LCS							Prepared & Analyzed: 10/04/2024				
2-Chlorotoluene	47.1		ug/L	50.0		94.3	78-127			30	
2-Hexanone	50.8		"	50.0		102	40-160			30	
4-Chlorotoluene	47.7		"	50.0		95.4	79-125			30	
4-Methyl-2-pentanone	38.1		"	50.0		76.2	40-160			30	
Acetone	33.2		"	50.0		66.5	40-160			30	
Acrolein	3.54		"	50.0		7.08	10-238	Low Bias		30	
Acrylonitrile	56.2		"	50.0		112	66-141			30	
Benzene	55.4		"	50.0		111	70-130			30	
Bromobenzene	48.2		"	50.0		96.4	77-129			30	
Bromochloromethane	55.8		"	50.0		112	70-130			30	
Bromodichloromethane	49.7		"	50.0		99.5	70-130			30	
Bromoform	49.6		"	50.0		99.2	70-130			30	
Bromomethane	54.6		"	50.0		109	40-160			30	
Carbon disulfide	59.9		"	50.0		120	40-160			30	
Carbon tetrachloride	56.1		"	50.0		112	70-130			30	
Chlorobenzene	47.2		"	50.0		94.4	70-130			30	
Chloroethane	52.1		"	50.0		104	51-142			30	
Chloroform	54.4		"	50.0		109	70-130			30	
Chloromethane	54.7		"	50.0		109	49-132			30	
cis-1,2-Dichloroethylene	56.8		"	50.0		114	70-130			30	
cis-1,3-Dichloropropylene	51.3		"	50.0		103	70-130			30	
Cyclohexane	59.1		"	50.0		118	70-130			30	
Dibromochloromethane	49.3		"	50.0		98.6	70-130			30	
Dibromomethane	46.1		"	50.0		92.3	83-124			30	
Dichlorodifluoromethane	62.8		"	50.0		126	40-160			30	
Ethyl Benzene	50.8		"	50.0		102	70-130			30	
Hexachlorobutadiene	49.6		"	50.0		99.3	83-133			30	
Isopropylbenzene	47.8		"	50.0		95.6	70-130			30	
Methyl acetate	51.3		"	50.0		103	70-130			30	
Methyl tert-butyl ether (MTBE)	61.6		"	50.0		123	70-130			30	
Methylcyclohexane	47.6		"	50.0		95.3	70-130			30	
Methylene chloride	55.0		"	50.0		110	70-130			30	
n-Butylbenzene	49.8		"	50.0		99.6	80-130			30	
n-Propylbenzene	48.0		"	50.0		96.1	74-136			30	
o-Xylene	49.5		"	50.0		99.1	70-130			30	
p- & m- Xylenes	98.3		"	100		98.3	70-130			30	
p-Isopropyltoluene	49.2		"	50.0		98.3	85-125			30	
sec-Butylbenzene	48.9		"	50.0		97.9	83-125			30	
Styrene	50.5		"	50.0		101	70-130			30	
tert-Butyl alcohol (TBA)	329		"	250		132	70-130	High Bias		30	
tert-Butylbenzene	41.9		"	50.0		83.8	80-127			30	
Tetrachloroethylene	43.4		"	50.0		86.9	70-130			30	
Toluene	48.2		"	50.0		96.4	70-130			30	
trans-1,2-Dichloroethylene	57.6		"	50.0		115	70-130			30	
trans-1,3-Dichloropropylene	55.3		"	50.0		111	70-130			30	
Trichloroethylene	48.8		"	50.0		97.7	70-130			30	
Trichlorofluoromethane	53.1		"	50.0		106	40-160			30	
Vinyl Chloride	55.8		"	50.0		112	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.0*		*"*	*50.0*		*91.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
LCS (BJ40351-BS1) LCS								Prepared & Analyzed: 10/04/2024			
LCS Dup (BJ40351-BSD1) LCS Dup								Prepared & Analyzed: 10/04/2024			
1,1,1,2-Tetrachloroethane	49.5		ug/L	50.0		99.0	75-129		0.262	30	
1,1,1-Trichloroethane	54.8		"	50.0		110	70-130		1.68	30	
1,1,2,2-Tetrachloroethane	47.7		"	50.0		95.4	70-130		0.689	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.7		"	50.0		109	70-130		1.70	30	
1,1,2-Trichloroethane	48.2		"	50.0		96.3	70-130		0.918	30	
1,1-Dichloroethane	54.6		"	50.0		109	70-130		2.21	30	
1,1-Dichloroethylene	59.3		"	50.0		119	70-130		2.15	30	
1,1-Dichloropropylene	56.6		"	50.0		113	77-127		0.704	30	
1,2,3-Trichlorobenzene	47.4		"	50.0		94.9	70-130		1.26	30	
1,2,3-Trichloropropane	46.1		"	50.0		92.3	81-126		0.281	30	
1,2,4-Trichlorobenzene	49.2		"	50.0		98.4	70-130		0.0407	30	
1,2,4-Trimethylbenzene	47.7		"	50.0		95.3	84-125		1.73	30	
1,2-Dibromo-3-chloropropane	50.0		"	50.0		100	40-160		0.541	30	
1,2-Dibromoethane	46.9		"	50.0		93.7	70-130		2.01	30	
1,2-Dichlorobenzene	45.7		"	50.0		91.4	70-130		1.43	30	
1,2-Dichloroethane	55.8		"	50.0		112	70-130		1.35	30	
1,2-Dichloropropane	50.2		"	50.0		100	70-130		1.00	30	
1,3,5-Trimethylbenzene	47.2		"	50.0		94.4	82-126		0.844	30	
1,3-Dichlorobenzene	44.7		"	50.0		89.4	70-130		0.741	30	
1,3-Dichloropropane	49.0		"	50.0		97.9	83-123		0.0612	30	
1,4-Dichlorobenzene	45.0		"	50.0		89.9	70-130		0.804	30	
1,4-Dioxane	808		"	1050		77.0	40-160		0.563	30	
2,2-Dichloropropane	69.0		"	50.0		138	67-136	High Bias	1.11	30	
2-Butanone	50.0		"	50.0		100	40-160		2.25	30	
2-Chlorotoluene	46.7		"	50.0		93.3	78-127		1.00	30	
2-Hexanone	50.7		"	50.0		101	40-160		0.138	30	
4-Chlorotoluene	46.6		"	50.0		93.2	79-125		2.29	30	
4-Methyl-2-pentanone	38.5		"	50.0		76.9	40-160		0.993	30	
Acetone	32.2		"	50.0		64.4	40-160		3.24	30	
Acrolein	4.12		"	50.0		8.24	10-238	Low Bias	15.1	30	
Acrylonitrile	55.6		"	50.0		111	66-141		1.06	30	
Benzene	55.2		"	50.0		110	70-130		0.398	30	
Bromobenzene	48.3		"	50.0		96.5	77-129		0.145	30	
Bromochloromethane	55.1		"	50.0		110	70-130		1.37	30	
Bromodichloromethane	49.8		"	50.0		99.6	70-130		0.181	30	
Bromoform	50.7		"	50.0		101	70-130		2.09	30	
Bromomethane	56.2		"	50.0		112	40-160		2.91	30	
Carbon disulfide	59.3		"	50.0		119	40-160		1.06	30	
Carbon tetrachloride	56.2		"	50.0		112	70-130		0.267	30	
Chlorobenzene	47.2		"	50.0		94.4	70-130		0.0636	30	
Chloroethane	51.2		"	50.0		102	51-142		1.70	30	
Chloroform	54.2		"	50.0		108	70-130		0.387	30	
Chloromethane	53.5		"	50.0		107	49-132		2.26	30	
cis-1,2-Dichloroethylene	56.4		"	50.0		113	70-130		0.848	30	
cis-1,3-Dichloropropylene	51.7		"	50.0		103	70-130		0.797	30	
Cyclohexane	57.4		"	50.0		115	70-130		2.87	30	
Dibromochloromethane	48.8		"	50.0		97.6	70-130		1.04	30	
Dibromomethane	46.8		"	50.0		93.5	83-124		1.36	30	
Dichlorodifluoromethane	60.4		"	50.0		121	40-160		3.86	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
LCS Dup (BJ40351-BSD1) LCS Dup								Prepared & Analyzed: 10/04/2024			
Ethyl Benzene	50.1		ug/L	50.0		100	70-130		1.37	30	
Hexachlorobutadiene	48.4		"	50.0		96.9	83-133		2.45	30	
Isopropylbenzene	47.2		"	50.0		94.5	70-130		1.24	30	
Methyl acetate	51.0		"	50.0		102	70-130		0.508	30	
Methyl tert-butyl ether (MTBE)	62.4		"	50.0		125	70-130		1.27	30	
Methylcyclohexane	46.9		"	50.0		93.9	70-130		1.50	30	
Methylene chloride	54.6		"	50.0		109	70-130		0.620	30	
n-Butylbenzene	48.5		"	50.0		97.0	80-130		2.62	30	
n-Propylbenzene	47.8		"	50.0		95.7	74-136		0.417	30	
o-Xylene	49.0		"	50.0		98.0	70-130		1.08	30	
p- & m- Xylenes	97.6		"	100		97.6	70-130		0.704	30	
p-Isopropyltoluene	49.4		"	50.0		98.8	85-125		0.548	30	
sec-Butylbenzene	47.3		"	50.0		94.5	83-125		3.45	30	
Styrene	50.1		"	50.0		100	70-130		0.954	30	
tert-Butyl alcohol (TBA)	322		"	250		129	70-130		2.24	30	
tert-Butylbenzene	40.2		"	50.0		80.4	80-127		4.19	30	
Tetrachloroethylene	43.1		"	50.0		86.1	70-130		0.855	30	
Toluene	48.1		"	50.0		96.1	70-130		0.249	30	
trans-1,2-Dichloroethylene	56.1		"	50.0		112	70-130		2.60	30	
trans-1,3-Dichloropropylene	55.5		"	50.0		111	70-130		0.325	30	
Trichloroethylene	48.6		"	50.0		97.2	70-130		0.431	30	
Trichlorofluoromethane	52.7		"	50.0		105	40-160		0.757	30	
Vinyl Chloride	54.5		"	50.0		109	70-130		2.28	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.2*		*"*	*50.0*		*92.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				
Matrix Spike (BJ40351-MS1) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/04/2024			
1,1,1,2-Tetrachloroethane	68.6		ug/L	50.0	0.00	137	15-161			33	
1,1,1-Trichloroethane	80.5		"	50.0	0.00	161	70-130	High Bias		30	
1,1,2,2-Tetrachloroethane	71.0		"	50.0	0.00	142	70-130	High Bias		30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	80.8		"	50.0	0.00	162	70-130	High Bias		30	
1,1,2-Trichloroethane	67.7		"	50.0	0.00	135	70-130	High Bias		30	
1,1-Dichloroethane	78.6		"	50.0	0.00	157	70-130	High Bias		30	
1,1-Dichloroethylene	85.7		"	50.0	0.00	171	70-130	High Bias		30	
1,1-Dichloropropylene	82.1		"	50.0	0.00	164	40-133	High Bias		28	
1,2,3-Trichlorobenzene	60.0		"	50.0	0.00	120	70-130			30	
1,2,3-Trichloropropane	64.4		"	50.0	0.00	129	38-155			48	
1,2,4-Trichlorobenzene	58.9		"	50.0	0.00	118	70-130			30	
1,2,4-Trimethylbenzene	65.2		"	50.0	0.00	130	10-170			242	
1,2-Dibromo-3-chloropropane	73.6		"	50.0	0.00	147	40-160			30	
1,2-Dibromoethane	68.8		"	50.0	0.00	138	70-130	High Bias		30	
1,2-Dichlorobenzene	61.2		"	50.0	0.00	122	70-130			30	
1,2-Dichloroethane	81.8		"	50.0	0.00	164	70-130	High Bias		30	
1,2-Dichloropropane	68.4		"	50.0	0.00	137	70-130	High Bias		30	
1,3,5-Trimethylbenzene	65.1		"	50.0	0.00	130	10-150			62	
1,3-Dichlorobenzene	61.4		"	50.0	0.00	123	70-130			30	
1,3-Dichloropropane	69.5		"	50.0	0.00	139	43-142			36	
1,4-Dichlorobenzene	62.5		"	50.0	0.00	125	70-130			30	
1,4-Dioxane	1250		"	1050	0.00	119	40-160			30	
2,2-Dichloropropane	101		"	50.0	0.00	201	38-130	High Bias		31	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
Matrix Spike (BJ40351-MS1) Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/04/2024			
2-Butanone	78.5		ug/L	50.0	0.00	157	40-160			30	
2-Chlorotoluene	64.6		"	50.0	0.00	129	14-144			49	
2-Hexanone	75.9		"	50.0	0.00	152	40-160			30	
4-Chlorotoluene	65.0		"	50.0	0.00	130	15-138			39	
4-Methyl-2-pentanone	57.0		"	50.0	0.00	114	40-160			30	
Acetone	57.1		"	50.0	12.1	89.9	40-160			30	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	85.0		"	50.0	0.00	170	13-161	High Bias		48	
Benzene	79.0		"	50.0	0.00	158	70-130	High Bias		30	
Bromobenzene	66.5		"	50.0	0.00	133	23-142			44	
Bromochloromethane	77.5		"	50.0	0.00	155	70-130	High Bias		30	
Bromodichloromethane	69.0		"	50.0	0.00	138	70-130	High Bias		30	
Bromoform	72.3		"	50.0	0.00	145	70-130	High Bias		30	
Bromomethane	63.1		"	50.0	0.00	126	40-160			30	
Carbon disulfide	79.7		"	50.0	0.00	159	40-160			30	
Carbon tetrachloride	82.6		"	50.0	0.00	165	70-130	High Bias		30	
Chlorobenzene	64.2		"	50.0	0.00	128	70-130			30	
Chloroethane	74.3		"	50.0	0.00	149	40-160			30	
Chloroform	77.8		"	50.0	0.00	156	70-130	High Bias		30	
Chloromethane	75.9		"	50.0	0.00	152	40-160			30	
cis-1,2-Dichloroethylene	80.5		"	50.0	0.00	161	70-130	High Bias		30	
cis-1,3-Dichloropropylene	71.5		"	50.0	0.00	143	70-130	High Bias		30	
Cyclohexane	83.4		"	50.0	0.00	167	70-130	High Bias		30	
Dibromochloromethane	68.8		"	50.0	0.00	138	70-130	High Bias		30	
Dibromomethane	65.8		"	50.0	0.00	132	47-143			41	
Dichlorodifluoromethane	84.8		"	50.0	0.00	170	40-160	High Bias		30	
Ethyl Benzene	68.4		"	50.0	0.00	137	70-130	High Bias		30	
Hexachlorobutadiene	60.6		"	50.0	0.00	121	10-158			45	
Isopropylbenzene	65.8		"	50.0	0.00	132	70-130	High Bias		30	
Methyl acetate	81.0		"	50.0	0.00	162	70-130	High Bias		30	
Methyl tert-butyl ether (MTBE)	91.2		"	50.0	0.00	182	70-130	High Bias		30	
Methylcyclohexane	64.9		"	50.0	0.00	130	70-130			30	
Methylene chloride	84.5		"	50.0	9.19	151	70-130	High Bias		30	
n-Butylbenzene	66.2		"	50.0	0.00	132	10-162			96	
n-Propylbenzene	63.7		"	50.0	0.00	127	10-155			56	
o-Xylene	67.2		"	50.0	0.00	134	70-130	High Bias		30	
p- & m- Xylenes	131		"	100	0.00	131	70-130	High Bias		30	
p-Isopropyltoluene	67.9		"	50.0	0.00	136	10-147			60	
sec-Butylbenzene	66.4		"	50.0	0.00	133	10-157			56	
Styrene	65.4		"	50.0	0.00	131	70-130	High Bias		30	
tert-Butyl alcohol (TBA)	479		"	250	4.28	190	34-179	High Bias		35	
tert-Butylbenzene	56.9		"	50.0	0.00	114	10-160			79	
Tetrachloroethylene	56.8		"	50.0	0.00	114	70-130			30	
Toluene	66.3		"	50.0	0.00	133	70-130	High Bias		30	
trans-1,2-Dichloroethylene	80.7		"	50.0	0.00	161	70-130	High Bias		30	
trans-1,3-Dichloropropylene	77.9		"	50.0	0.00	156	70-130	High Bias		30	
Trichloroethylene	65.9		"	50.0	0.00	132	70-130	High Bias		30	
Trichlorofluoromethane	74.8		"	50.0	0.00	150	40-160			30	
Vinyl Chloride	77.0		"	50.0	0.00	154	70-130	High Bias		30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*44.6*		*"*	*50.0*		*89.2*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
Matrix Spike (BJ40351-MS1) Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/04/2024		
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*ug/L*	*50.0*		*102*	*76-130*				
Matrix Spike Dup (BJ40351-M Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/04/2024		
1,1,1,2-Tetrachloroethane	71.0		ug/L	50.0	0.00	142	15-161		3.32	33	
1,1,1-Trichloroethane	81.9		"	50.0	0.00	164	70-130	High Bias	1.76	30	
1,1,2,2-Tetrachloroethane	74.4		"	50.0	0.00	149	70-130	High Bias	4.73	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	81.2		"	50.0	0.00	162	70-130	High Bias	0.531	30	
1,1,2-Trichloroethane	70.1		"	50.0	0.00	140	70-130	High Bias	3.45	30	
1,1-Dichloroethane	79.3		"	50.0	0.00	159	70-130	High Bias	0.874	30	
1,1-Dichloroethylene	86.1		"	50.0	0.00	172	70-130	High Bias	0.489	30	
1,1-Dichloropropylene	82.4		"	50.0	0.00	165	40-133	High Bias	0.316	28	
1,2,3-Trichlorobenzene	62.8		"	50.0	0.00	126	70-130		4.50	30	
1,2,3-Trichloropropane	71.3		"	50.0	0.00	143	38-155		10.2	48	
1,2,4-Trichlorobenzene	64.7		"	50.0	0.00	129	70-130		9.38	30	
1,2,4-Trimethylbenzene	69.4		"	50.0	0.00	139	10-170		6.33	242	
1,2-Dibromo-3-chloropropane	78.1		"	50.0	0.00	156	40-160		6.01	30	
1,2-Dibromoethane	72.5		"	50.0	0.00	145	70-130	High Bias	5.28	30	
1,2-Dichlorobenzene	64.9		"	50.0	0.00	130	70-130		5.90	30	
1,2-Dichloroethane	82.4		"	50.0	0.00	165	70-130	High Bias	0.828	30	
1,2-Dichloropropane	72.4		"	50.0	0.00	145	70-130	High Bias	5.62	30	
1,3,5-Trimethylbenzene	68.2		"	50.0	0.00	136	10-150		4.67	62	
1,3-Dichlorobenzene	64.1		"	50.0	0.00	128	70-130		4.32	30	
1,3-Dichloropropane	72.6		"	50.0	0.00	145	43-142	High Bias	4.36	36	
1,4-Dichlorobenzene	59.2		"	50.0	0.00	118	70-130		5.56	30	
1,4-Dioxane	1550		"	1050	0.00	148	40-160		21.4	30	
2,2-Dichloropropane	104		"	50.0	0.00	207	38-130	High Bias	2.93	31	
2-Butanone	83.5		"	50.0	0.00	167	40-160	High Bias	6.12	30	
2-Chlorotoluene	66.5		"	50.0	0.00	133	14-144		2.90	49	
2-Hexanone	82.8		"	50.0	0.00	166	40-160	High Bias	8.77	30	
4-Chlorotoluene	68.4		"	50.0	0.00	137	15-138		5.14	39	
4-Methyl-2-pentanone	62.2		"	50.0	0.00	124	40-160		8.69	30	
Acetone	58.1		"	50.0	12.7	90.9	40-160		1.72	30	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	87.5		"	50.0	0.00	175	13-161	High Bias	2.93	48	
Benzene	79.7		"	50.0	0.00	159	70-130	High Bias	0.781	30	
Bromobenzene	69.0		"	50.0	0.00	138	23-142		3.75	44	
Bromochloromethane	78.4		"	50.0	0.00	157	70-130	High Bias	1.10	30	
Bromodichloromethane	72.4		"	50.0	0.00	145	70-130	High Bias	4.79	30	
Bromoform	75.6		"	50.0	0.00	151	70-130	High Bias	4.50	30	
Bromomethane	64.4		"	50.0	0.00	129	40-160		2.05	30	
Carbon disulfide	83.9		"	50.0	0.00	168	40-160	High Bias	5.10	30	
Carbon tetrachloride	83.3		"	50.0	0.00	167	70-130	High Bias	0.796	30	
Chlorobenzene	66.1		"	50.0	0.00	132	70-130	High Bias	2.95	30	
Chloroethane	74.4		"	50.0	0.00	149	40-160		0.148	30	
Chloroform	78.6		"	50.0	0.00	157	70-130	High Bias	1.05	30	
Chloromethane	76.4		"	50.0	0.00	153	40-160		0.696	30	
cis-1,2-Dichloroethylene	80.8		"	50.0	0.00	162	70-130	High Bias	0.372	30	
cis-1,3-Dichloropropylene	74.4		"	50.0	0.00	149	70-130	High Bias	3.89	30	
Cyclohexane	84.3		"	50.0	0.00	169	70-130	High Bias	1.06	30	
Dibromochloromethane	72.7		"	50.0	0.00	145	70-130	High Bias	5.54	30	
Dibromomethane	68.4		"	50.0	0.00	137	47-143		3.98	41	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40351 - EPA 5035A											
Matrix Spike Dup (BJ40351-M Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/04/2024		
Dichlorodifluoromethane	83.6		ug/L	50.0	0.00	167	40-160	High Bias	1.52	30	
Ethyl Benzene	71.4		"	50.0	0.00	143	70-130	High Bias	4.29	30	
Hexachlorobutadiene	64.6		"	50.0	0.00	129	10-158		6.43	45	
Isopropylbenzene	68.7		"	50.0	0.00	137	70-130	High Bias	4.37	30	
Methyl acetate	84.6		"	50.0	0.00	169	70-130	High Bias	4.32	30	
Methyl tert-butyl ether (MTBE)	95.3		"	50.0	0.00	191	70-130	High Bias	4.36	30	
Methylcyclohexane	67.0		"	50.0	0.00	134	70-130	High Bias	3.17	30	
Methylene chloride	87.0		"	50.0	9.59	155	70-130	High Bias	2.88	30	
n-Butylbenzene	69.4		"	50.0	0.00	139	10-162		4.72	96	
n-Propylbenzene	67.0		"	50.0	0.00	134	10-155		5.11	56	
o-Xylene	69.5		"	50.0	0.00	139	70-130	High Bias	3.31	30	
p- & m- Xylenes	138		"	100	0.00	138	70-130	High Bias	5.19	30	
p-Isopropyltoluene	68.5		"	50.0	0.00	137	10-147		0.880	60	
sec-Butylbenzene	68.8		"	50.0	0.00	138	10-157		3.58	56	
Styrene	66.5		"	50.0	0.00	133	70-130	High Bias	1.77	30	
tert-Butyl alcohol (TBA)	563		"	250	4.46	224	34-179	High Bias	16.2	35	
tert-Butylbenzene	59.0		"	50.0	0.00	118	10-160		3.52	79	
Tetrachloroethylene	61.6		"	50.0	0.00	123	70-130		7.96	30	
Toluene	68.8		"	50.0	0.00	138	70-130	High Bias	3.67	30	
trans-1,2-Dichloroethylene	81.7		"	50.0	0.00	163	70-130	High Bias	1.22	30	
trans-1,3-Dichloropropylene	82.6		"	50.0	0.00	165	70-130	High Bias	5.83	30	
Trichloroethylene	70.2		"	50.0	0.00	140	70-130	High Bias	6.33	30	
Trichlorofluoromethane	75.8		"	50.0	0.00	152	40-160		1.30	30	
Vinyl Chloride	78.3		"	50.0	0.00	157	70-130	High Bias	1.74	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.8*		*"*	*50.0*		*93.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.1*		*"*	*50.0*		*106*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
Blank (BJ40504-BLK1) Blank									Prepared: 10/08/2024 Analyzed: 10/09/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
Blank (BJ40504-BLK1) Blank									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.45*		"	*1.66*		*87.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.38*		"	*1.66*		*82.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.732*		"	*0.831*		*88.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.794*		"	*0.831*		*95.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.52*		"	*1.66*		*91.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.805*		"	*0.831*		*96.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
LCS (BJ40504-BS1) LCS									Prepared: 10/08/2024 Analyzed: 10/09/2024		
1,1-Biphenyl	0.741	0.0416	mg/kg wet	0.831		89.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.744	0.0830	"	0.831		89.5	21-131				
1,2,4-Trichlorobenzene	0.801	0.0416	"	1.25		64.3	10-140				
1,2-Dichlorobenzene	0.714	0.0416	"	1.25		57.3	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.687	0.0416	"	1.25		55.2	17-137				
1,3-Dichlorobenzene	0.710	0.0416	"	1.25		57.0	33-110				
1,4-Dichlorobenzene	0.693	0.0416	"	1.25		55.6	32-104				
2,3,4,6-Tetrachlorophenol	0.918	0.0830	"	1.25		73.7	30-130				
2,4,5-Trichlorophenol	0.816	0.0416	"	1.25		65.5	27-118				
2,4,6-Trichlorophenol	0.786	0.0416	"	1.25		63.1	31-120				
2,4-Dichlorophenol	0.846	0.0416	"	1.25		67.9	20-127				
2,4-Dimethylphenol	0.909	0.0416	"	1.25		73.0	14-132				
2,4-Dinitrophenol	0.739	0.0830	"	1.25		59.3	10-171				
2,4-Dinitrotoluene	0.796	0.0416	"	1.25		63.9	34-131				
2,6-Dinitrotoluene	0.795	0.0416	"	1.25		63.8	31-128				
2-Chloronaphthalene	0.738	0.0416	"	1.25		59.3	31-117				
2-Chlorophenol	0.759	0.0416	"	1.25		61.0	33-113				
2-Methylnaphthalene	0.704	0.0416	"	1.25		56.5	12-138				
2-Methylphenol	0.738	0.0416	"	1.25		59.3	10-136				
2-Nitroaniline	0.769	0.0830	"	1.25		61.7	27-132				
2-Nitrophenol	0.868	0.0416	"	1.25		69.7	17-129				
3- & 4-Methylphenols	0.652	0.0416	"	1.25		52.4	29-103				
3,3-Dichlorobenzidine	0.625	0.0416	"	0.831		75.3	22-149				
3-Nitroaniline	0.620	0.0830	"	1.25		49.8	20-133				
4,6-Dinitro-2-methylphenol	1.03	0.0830	"	1.25		83.0	10-143				
4-Bromophenyl phenyl ether	0.761	0.0416	"	1.25		61.1	29-120				
4-Chloro-3-methylphenol	0.800	0.0416	"	1.25		64.2	24-129				
4-Chloroaniline	0.544	0.0416	"	1.25		43.6	10-132				
4-Chlorophenyl phenyl ether	0.752	0.0416	"	1.25		60.4	27-124				
4-Nitroaniline	0.685	0.0830	"	1.25		55.0	16-128				
4-Nitrophenol	0.702	0.0830	"	1.25		56.3	10-141				
Acenaphthene	0.690	0.0416	"	1.25		55.4	30-121				
Acenaphthylene	0.749	0.0416	"	1.25		60.1	30-115				
Acetophenone	0.694	0.0416	"	0.831		83.6	20-112				
Aniline	0.770	0.166	"	1.25		61.8	10-119				
Anthracene	0.768	0.0416	"	1.25		61.7	34-118				
Atrazine	0.748	0.0416	"	0.831		90.0	26-112				
Benzaldehyde	0.684	0.0416	"	0.831		82.4	21-100				
Benzo(a)anthracene	0.747	0.0416	"	1.25		60.0	32-122				
Benzo(a)pyrene	0.684	0.0416	"	1.25		54.9	29-133				
Benzo(b)fluoranthene	0.714	0.0416	"	1.25		57.3	25-133				
Benzo(g,h,i)perylene	0.821	0.0416	"	1.25		65.9	10-143				
Benzo(k)fluoranthene	0.747	0.0416	"	1.25		59.9	25-128				
Benzoic acid	0.266	0.0416	"	0.831		32.0	10-140				
Benzyl alcohol	0.689	0.0416	"	1.25		55.3	30-115				
Benzyl butyl phthalate	0.741	0.0416	"	1.25		59.5	26-126				
Bis(2-chloroethoxy)methane	0.772	0.0416	"	1.25		61.9	19-132				
Bis(2-chloroethyl)ether	0.683	0.0416	"	1.25		54.9	19-125				
Bis(2-chloroisopropyl)ether	0.660	0.0416	"	1.25		53.0	20-135				
Bis(2-ethylhexyl)phthalate	0.738	0.0416	"	1.25		59.2	10-155				
Caprolactam	0.888	0.0830	"	0.831		107	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
LCS (BJ40504-BS1) LCS									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Carbazole	0.736	0.0416	mg/kg wet	1.25		59.1	35-123				
Chrysene	0.756	0.0416	"	1.25		60.7	32-123				
Dibenzo(a,h)anthracene	0.783	0.0416	"	1.25		62.8	10-136				
Dibenzofuran	0.726	0.0416	"	1.25		58.3	29-121				
Diethyl phthalate	0.713	0.0416	"	1.25		57.2	34-116				
Dimethyl phthalate	0.746	0.0416	"	1.25		59.8	35-124				
Di-n-butyl phthalate	0.768	0.0416	"	1.25		61.7	31-116				
Di-n-octyl phthalate	0.702	0.0416	"	1.25		56.3	26-136				
Fluoranthene	0.770	0.0416	"	1.25		61.8	33-122				
Fluorene	0.714	0.0416	"	1.25		57.3	29-123				
Hexachlorobenzene	0.704	0.0416	"	1.25		56.5	21-124				
Hexachlorobutadiene	0.830	0.0416	"	1.25		66.6	10-149				
Hexachlorocyclopentadiene	0.752	0.0416	"	1.25		60.3	10-129				
Hexachloroethane	0.675	0.0416	"	1.25		54.2	28-108				
Indeno(1,2,3-cd)pyrene	0.796	0.0416	"	1.25		63.9	10-135				
Isophorone	0.749	0.0416	"	1.25		60.1	20-132				
Naphthalene	0.767	0.0416	"	1.25		61.6	23-124				
Nitrobenzene	0.757	0.0416	"	1.25		60.7	13-132				
N-Nitrosodimethylamine	0.613	0.0416	"	1.25		49.2	11-129				
N-nitroso-di-n-propylamine	0.652	0.0416	"	1.25		52.4	24-119				
N-Nitrosodiphenylamine	0.848	0.0416	"	1.25		68.1	22-152				
Pentachlorophenol	0.833	0.0416	"	1.25		66.9	10-139				
Phenanthrene	0.727	0.0416	"	1.25		58.3	33-123				
Phenol	0.737	0.0416	"	1.25		59.1	23-115				
Pyrene	0.765	0.0416	"	1.25		61.4	24-130				
Pyridine	0.431	0.166	"	1.25		34.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.46*		"	*1.66*		*87.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.41*		"	*1.66*		*84.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.807*		"	*0.831*		*97.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.807*		"	*0.831*		*97.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.66*		"	*1.66*		*99.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.847*		"	*0.831*		*102*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
Matrix Spike (BJ40504-MS1) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/08/2024 Analyzed: 10/09/2024			
1,1-Biphenyl	0.824	0.0910	mg/kg dry	0.909	ND	90.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.856	0.182	"	0.909	ND	94.1	10-133				
1,2,4-Trichlorobenzene	0.906	0.0910	"	1.36	ND	66.4	10-127				
1,2-Dichlorobenzene	0.781	0.0910	"	1.36	ND	57.2	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.687	0.0910	"	1.36	ND	50.3	10-144				
1,3-Dichlorobenzene	0.781	0.0910	"	1.36	ND	57.2	11-111				
1,4-Dichlorobenzene	0.753	0.0910	"	1.36	ND	55.2	10-106				
2,3,4,6-Tetrachlorophenol	1.02	0.182	"	1.36	ND	74.5	30-130				
2,4,5-Trichlorophenol	0.921	0.0910	"	1.36	ND	67.5	10-127				
2,4,6-Trichlorophenol	0.872	0.0910	"	1.36	ND	63.9	10-132				
2,4-Dichlorophenol	0.936	0.0910	"	1.36	ND	68.6	10-128				
2,4-Dimethylphenol	0.973	0.0910	"	1.36	ND	71.3	10-137				
2,4-Dinitrophenol	1.03	0.182	"	1.36	ND	75.6	10-171				
2,4-Dinitrotoluene	0.936	0.0910	"	1.36	ND	68.6	16-135				
2,6-Dinitrotoluene	0.913	0.0910	"	1.36	ND	66.9	18-131				
2-Chloronaphthalene	0.823	0.0910	"	1.36	ND	60.3	10-129				
2-Chlorophenol	0.776	0.0910	"	1.36	ND	56.9	15-116				
2-Methylnaphthalene	0.800	0.0910	"	1.36	ND	58.7	10-147				
2-Methylphenol	0.827	0.0910	"	1.36	ND	60.6	10-136				
2-Nitroaniline	0.873	0.182	"	1.36	ND	64.0	10-137				
2-Nitrophenol	0.919	0.0910	"	1.36	ND	67.4	10-129				
3- & 4-Methylphenols	0.730	0.0910	"	1.36	ND	53.5	10-123				
3,3-Dichlorobenzidine	0.705	0.0910	"	0.909	ND	77.5	10-155				
3-Nitroaniline	0.732	0.182	"	1.36	ND	53.7	12-133				
4,6-Dinitro-2-methylphenol	1.01	0.182	"	1.36	ND	74.1	10-155				
4-Bromophenyl phenyl ether	0.785	0.0910	"	1.36	ND	57.5	14-128				
4-Chloro-3-methylphenol	0.909	0.0910	"	1.36	ND	66.7	10-134				
4-Chloroaniline	0.679	0.0910	"	1.36	ND	49.8	10-145				
4-Chlorophenyl phenyl ether	0.838	0.0910	"	1.36	ND	61.4	14-130				
4-Nitroaniline	0.811	0.182	"	1.36	ND	59.5	10-147				
4-Nitrophenol	0.805	0.182	"	1.36	ND	59.0	10-137				
Acenaphthene	0.773	0.0910	"	1.36	ND	56.7	10-146				
Acenaphthylene	0.864	0.0910	"	1.36	ND	63.3	10-134				
Acetophenone	0.763	0.0910	"	0.909	ND	83.9	10-116				
Aniline	0.776	0.365	"	1.36	ND	56.9	10-123				
Anthracene	0.835	0.0910	"	1.36	ND	61.2	10-142				
Atrazine	0.793	0.0910	"	0.909	ND	87.2	19-115				
Benzaldehyde	0.811	0.0910	"	0.909	ND	89.1	10-125				
Benzo(a)anthracene	0.843	0.0910	"	1.36	ND	61.8	10-158				
Benzo(a)pyrene	0.813	0.0910	"	1.36	ND	59.6	10-180				
Benzo(b)fluoranthene	0.851	0.0910	"	1.36	ND	62.4	10-200				
Benzo(g,h,i)perylene	0.927	0.0910	"	1.36	ND	67.9	10-138				
Benzo(k)fluoranthene	0.852	0.0910	"	1.36	ND	62.5	10-197				
Benzoic acid	0.0720	0.0910	"	0.909	ND	7.92	10-166	Low Bias			
Benzyl alcohol	0.783	0.0910	"	1.36	ND	57.4	12-124				
Benzyl butyl phthalate	0.760	0.0910	"	1.36	ND	55.7	10-154				
Bis(2-chloroethoxy)methane	0.824	0.0910	"	1.36	ND	60.4	10-132				
Bis(2-chloroethyl)ether	0.733	0.0910	"	1.36	ND	53.8	10-119				
Bis(2-chloroisopropyl)ether	0.748	0.0910	"	1.36	ND	54.8	10-139				
Bis(2-ethylhexyl)phthalate	0.768	0.0910	"	1.36	ND	56.3	10-167				
Caprolactam	0.962	0.182	"	0.909	ND	106	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
Matrix Spike (BJ40504-MS1) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Carbazole	0.774	0.0910	mg/kg dry	1.36	ND	56.7	10-167				
Chrysene	0.861	0.0910	"	1.36	ND	63.1	10-156				
Dibenzo(a,h)anthracene	0.877	0.0910	"	1.36	ND	64.3	10-137				
Dibenzofuran	0.829	0.0910	"	1.36	ND	60.7	10-147				
Diethyl phthalate	0.813	0.0910	"	1.36	ND	59.6	20-120				
Dimethyl phthalate	0.844	0.0910	"	1.36	ND	61.9	18-131				
Di-n-butyl phthalate	0.785	0.0910	"	1.36	ND	57.5	10-137				
Di-n-octyl phthalate	0.776	0.0910	"	1.36	ND	56.9	10-180				
Fluoranthene	0.764	0.0910	"	1.36	ND	56.0	10-160				
Fluorene	0.794	0.0910	"	1.36	ND	58.2	10-157				
Hexachlorobenzene	0.765	0.0910	"	1.36	ND	56.1	10-137				
Hexachlorobutadiene	0.938	0.0910	"	1.36	ND	68.7	10-132				
Hexachlorocyclopentadiene	0.813	0.0910	"	1.36	ND	59.6	10-106				
Hexachloroethane	0.783	0.0910	"	1.36	ND	57.4	10-110				
Indeno(1,2,3-cd)pyrene	0.889	0.0910	"	1.36	ND	65.2	10-144				
Isophorone	0.818	0.0910	"	1.36	ND	59.9	10-132				
Naphthalene	0.839	0.0910	"	1.36	ND	61.5	10-141				
Nitrobenzene	0.847	0.0910	"	1.36	ND	62.1	10-131				
N-Nitrosodimethylamine	0.691	0.0910	"	1.36	ND	50.7	10-126				
N-nitroso-di-n-propylamine	0.705	0.0910	"	1.36	ND	51.7	10-125				
N-Nitrosodiphenylamine	0.839	0.0910	"	1.36	ND	61.5	10-177				
Pentachlorophenol	0.837	0.0910	"	1.36	ND	61.3	10-153				
Phenanthrene	0.827	0.0910	"	1.36	ND	60.6	10-148				
Phenol	0.798	0.0910	"	1.36	ND	58.5	10-126				
Pyrene	0.864	0.0910	"	1.36	ND	63.3	10-165				
Pyridine	0.463	0.365	"	1.36	ND	34.0	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.62*		"	*1.82*		*88.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.56*		"	*1.82*		*85.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.883*		"	*0.909*		*97.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.885*		"	*0.909*		*97.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.74*		"	*1.82*		*95.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.896*		"	*0.909*		*98.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BJ40504 - EPA 3550C

Matrix Spike Dup (BJ40504-M Matrix Spike Dup Source sample: 24J0297-01 (PE47_17.5) Prepared: 10/08/2024 Analyzed: 10/09/2024

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.629	0.0910	mg/kg dry	0.909	ND	69.1	10-130		26.9	30	
1,2,4,5-Tetrachlorobenzene	0.633	0.182	"	0.909	ND	69.6	10-133		29.9	30	
1,2,4-Trichlorobenzene	0.692	0.0910	"	1.36	ND	50.7	10-127		26.8	30	
1,2-Dichlorobenzene	0.625	0.0910	"	1.36	ND	45.8	14-111		22.2	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.574	0.0910	"	1.36	ND	42.1	10-144		17.9	30	
1,3-Dichlorobenzene	0.623	0.0910	"	1.36	ND	45.7	11-111		22.5	30	
1,4-Dichlorobenzene	0.613	0.0910	"	1.36	ND	45.0	10-106		20.4	30	
2,3,4,6-Tetrachlorophenol	0.770	0.182	"	1.36	ND	56.4	30-130		27.6	30	
2,4,5-Trichlorophenol	0.692	0.0910	"	1.36	ND	50.7	10-127		28.4	30	
2,4,6-Trichlorophenol	0.662	0.0910	"	1.36	ND	48.5	10-132		27.4	30	
2,4-Dichlorophenol	0.715	0.0910	"	1.36	ND	52.4	10-128		26.8	30	
2,4-Dimethylphenol	0.754	0.0910	"	1.36	ND	55.3	10-137		25.4	30	
2,4-Dinitrophenol	0.771	0.182	"	1.36	ND	56.5	10-171		28.9	30	
2,4-Dinitrotoluene	0.699	0.0910	"	1.36	ND	51.3	16-135		28.9	30	
2,6-Dinitrotoluene	0.684	0.0910	"	1.36	ND	50.1	18-131		28.7	30	
2-Chloronaphthalene	0.636	0.0910	"	1.36	ND	46.6	10-129		25.6	30	
2-Chlorophenol	0.667	0.0910	"	1.36	ND	48.9	15-116		15.0	30	
2-Methylnaphthalene	0.596	0.0910	"	1.36	ND	43.7	10-147		29.3	30	
2-Methylphenol	0.646	0.0910	"	1.36	ND	47.4	10-136		24.5	30	
2-Nitroaniline	0.649	0.182	"	1.36	ND	47.6	10-137		29.4	30	
2-Nitrophenol	0.725	0.0910	"	1.36	ND	53.2	10-129		23.5	30	
3- & 4-Methylphenols	0.579	0.0910	"	1.36	ND	42.5	10-123		23.0	30	
3,3-Dichlorobenzidine	0.518	0.0910	"	0.909	ND	57.0	10-155		30.6	30	Non-dir.
3-Nitroaniline	0.572	0.182	"	1.36	ND	41.9	12-133		24.6	30	
4,6-Dinitro-2-methylphenol	0.804	0.182	"	1.36	ND	58.9	10-155		22.8	30	
4-Bromophenyl phenyl ether	0.621	0.0910	"	1.36	ND	45.5	14-128		23.4	30	
4-Chloro-3-methylphenol	0.703	0.0910	"	1.36	ND	51.5	10-134		25.6	30	
4-Chloroaniline	0.529	0.0910	"	1.36	ND	38.8	10-145		24.8	30	
4-Chlorophenyl phenyl ether	0.656	0.0910	"	1.36	ND	48.1	14-130		24.3	30	
4-Nitroaniline	0.607	0.182	"	1.36	ND	44.5	10-147		28.8	30	
4-Nitrophenol	0.642	0.182	"	1.36	ND	47.0	10-137		22.6	30	
Acenaphthene	0.605	0.0910	"	1.36	ND	44.3	10-146		24.5	30	
Acenaphthylene	0.651	0.0910	"	1.36	ND	47.7	10-134		28.0	30	
Acetophenone	0.616	0.0910	"	0.909	ND	67.7	10-116		21.4	30	
Aniline	0.629	0.365	"	1.36	ND	46.1	10-123		20.9	30	
Anthracene	0.629	0.0910	"	1.36	ND	46.1	10-142		28.1	30	
Atrazine	0.634	0.0910	"	0.909	ND	69.8	19-115		22.2	30	
Benzaldehyde	0.632	0.0910	"	0.909	ND	69.4	10-125		24.8	30	
Benzo(a)anthracene	0.642	0.0910	"	1.36	ND	47.0	10-158		27.1	30	
Benzo(a)pyrene	0.597	0.0910	"	1.36	ND	43.7	10-180		30.8	30	Non-dir.
Benzo(b)fluoranthene	0.620	0.0910	"	1.36	ND	45.4	10-200		31.5	30	Non-dir.
Benzo(g,h,i)perylene	0.696	0.0910	"	1.36	ND	51.0	10-138		28.5	30	
Benzo(k)fluoranthene	0.641	0.0910	"	1.36	ND	47.0	10-197		28.3	30	
Benzoic acid	0.0931	0.0910	"	0.909	ND	10.2	10-166		25.6	30	
Benzyl alcohol	0.616	0.0910	"	1.36	ND	45.2	12-124		23.8	30	
Benzyl butyl phthalate	0.587	0.0910	"	1.36	ND	43.0	10-154		25.6	30	
Bis(2-chloroethoxy)methane	0.658	0.0910	"	1.36	ND	48.2	10-132		22.4	30	
Bis(2-chloroethyl)ether	0.608	0.0910	"	1.36	ND	44.6	10-119		18.7	30	
Bis(2-chloroisopropyl)ether	0.581	0.0910	"	1.36	ND	42.6	10-139		25.2	30	
Bis(2-ethylhexyl)phthalate	0.603	0.0910	"	1.36	ND	44.2	10-167		24.0	30	
Caprolactam	0.751	0.182	"	0.909	ND	82.6	10-132		24.6	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40504 - EPA 3550C											
Matrix Spike Dup (BJ40504-M Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/08/2024 Analyzed: 10/09/2024		
Carbazole	0.612	0.0910	mg/kg dry	1.36	ND	44.9	10-167		23.4	30	
Chrysene	0.653	0.0910	"	1.36	ND	47.8	10-156		27.6	30	
Dibenzo(a,h)anthracene	0.654	0.0910	"	1.36	ND	47.9	10-137		29.1	30	
Dibenzofuran	0.650	0.0910	"	1.36	ND	47.6	10-147		24.2	30	
Diethyl phthalate	0.631	0.0910	"	1.36	ND	46.2	20-120		25.2	30	
Dimethyl phthalate	0.638	0.0910	"	1.36	ND	46.8	18-131		27.8	30	
Di-n-butyl phthalate	0.594	0.0910	"	1.36	ND	43.5	10-137		27.8	30	
Di-n-octyl phthalate	0.568	0.0910	"	1.36	ND	41.7	10-180		30.9	30	Non-dir.
Fluoranthene	0.622	0.0910	"	1.36	ND	45.6	10-160		20.5	30	
Fluorene	0.632	0.0910	"	1.36	ND	46.3	10-157		22.8	30	
Hexachlorobenzene	0.626	0.0910	"	1.36	ND	45.9	10-137		20.0	30	
Hexachlorobutadiene	0.716	0.0910	"	1.36	ND	52.5	10-132		26.8	30	
Hexachlorocyclopentadiene	0.594	0.0910	"	1.36	ND	43.6	10-106		31.0	30	Non-dir.
Hexachloroethane	0.602	0.0910	"	1.36	ND	44.2	10-110		26.1	30	
Indeno(1,2,3-cd)pyrene	0.671	0.0910	"	1.36	ND	49.2	10-144		28.0	30	
Isophorone	0.632	0.0910	"	1.36	ND	46.3	10-132		25.7	30	
Naphthalene	0.669	0.0910	"	1.36	ND	49.0	10-141		22.6	30	
Nitrobenzene	0.661	0.0910	"	1.36	ND	48.4	10-131		24.7	30	
N-Nitrosodimethylamine	0.584	0.0910	"	1.36	ND	42.8	10-126		16.8	30	
N-nitroso-di-n-propylamine	0.567	0.0910	"	1.36	ND	41.5	10-125		21.7	30	
N-Nitrosodiphenylamine	0.688	0.0910	"	1.36	ND	50.5	10-177		19.7	30	
Pentachlorophenol	0.705	0.0910	"	1.36	ND	51.7	10-153		17.1	30	
Phenanthrene	0.636	0.0910	"	1.36	ND	46.6	10-148		26.1	30	
Phenol	0.650	0.0910	"	1.36	ND	47.7	10-126		20.4	30	
Pyrene	0.643	0.0910	"	1.36	ND	47.1	10-165		29.3	30	
Pyridine	0.385	0.365	"	1.36	ND	28.2	10-83		18.5	30	
Surrogate: SURR: 2-Fluorophenol	*1.45*		*"*	*1.82*		*79.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.31*		*"*	*1.82*		*72.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.714*		*"*	*0.909*		*78.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.705*		*"*	*0.909*		*77.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.41*		*"*	*1.82*		*77.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.733*		*"*	*0.909*		*80.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40408 - EPA 3550C											
Blank (BJ40408-BLK1) Blank									Prepared: 10/07/2024 Analyzed: 10/09/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*327*		*"*	*495*		*66.0*	*39-127.5*				
LCS (BJ40408-BS1) LCS									Prepared: 10/07/2024 Analyzed: 10/09/2024		
1,4-Dioxane	335	19.8	ug/kg	495		67.8	40-130				
Surrogate: 1,4-Dioxane-d8	*347*		*"*	*495*		*70.0*	*39-127.5*				
Matrix Spike (BJ40408-MS1) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)									Prepared: 10/07/2024 Analyzed: 10/09/2024		
1,4-Dioxane	290	19.8	ug/kg	495	ND	58.6	40-130				
Surrogate: 1,4-Dioxane-d8	*297*		*"*	*495*		*60.0*	*40-130*				
Matrix Spike Dup (BJ40408-M Matrix Spike Dup *Source sample: 24J0297-01 (PE47_17.5)									Prepared: 10/07/2024 Analyzed: 10/09/2024		
1,4-Dioxane	270	19.8	ug/kg	495	ND	54.6	40-130		7.07	30	
Surrogate: 1,4-Dioxane-d8	*267*		*"*	*495*		*54.0*	*40-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Blank (BJ40531-BLK1) Blank									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*3.11*		"	*2.31*		*135*	*25-150*				
Surrogate: M5PFHxA	*3.48*		"	*2.48*		*140*	*25-150*				
Surrogate: M4PFHpA	*3.23*		"	*2.48*		*130*	*25-150*				
Surrogate: M3PFHxS	*2.87*		"	*2.35*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.24*		"	*2.48*		*131*	*25-150*				
Surrogate: M6PFDA	*1.62*		"	*1.24*		*130*	*25-150*				
Surrogate: M7PFUdA	*1.46*		"	*1.24*		*117*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.11*		"	*1.24*		*89.2*	*25-150*				
Surrogate: M2PFTeDA	*0.992*		"	*1.24*		*80.0*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Blank (BJ40531-BLK1) Blank								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.91*		*ug/kg wet*	*9.92*		*69.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.24*		*"*	*2.38*		*136*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.09*		*"*	*4.96*		*143*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.64*		*"*	*2.48*		*66.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.38*		*"*	*4.96*		*68.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.55*		*"*	*4.96*		*71.5*	*25-150*				
Surrogate: M2-6:2 FTS	*5.16*		*"*	*4.72*		*109*	*25-200*				
Surrogate: M2-8:2 FTS	*6.86*		*"*	*4.76*		*144*	*25-200*				
Surrogate: M9PFNA	*1.48*		*"*	*1.24*		*120*	*25-150*				
Surrogate: M2-4:2 FTS	*2.40*		*"*	*4.65*		*51.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.62*		*"*	*2.48*		*65.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.29*		*"*	*2.48*		*52.1*	*25-150*				
Surrogate: M3HFPO-DA	*17.7*		*"*	*9.92*		*178*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.0*		*"*	*24.8*		*48.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.0*		*"*	*24.8*		*52.2*	*25-150*				
LCS (BJ40531-BS1) LCS								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorobutanesulfonic acid (PFBS)	3.30	0.177	ug/kg wet	3.54		93.2	50-150				
Perfluorohexanoic acid (PFHxA)	3.90	0.200	"	4.00		97.6	50-150				
Perfluoroheptanoic acid (PFHpA)	4.07	0.200	"	4.00		102	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.92	0.183	"	3.66		107	50-150				
Perfluorooctanoic acid (PFOA)	3.75	0.200	"	4.00		93.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.51	0.186	"	3.72		94.3	50-150				
Perfluorononanoic acid (PFNA)	3.79	0.200	"	4.00		94.7	50-150				
Perfluorodecanoic acid (PFDA)	3.42	0.200	"	4.00		85.5	50-150				
Perfluoroundecanoic acid (PFUnA)	5.12	0.200	"	4.00		128	50-150				
Perfluorododecanoic acid (PFDoA)	3.77	0.200	"	4.00		94.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.23	0.200	"	4.00		106	50-150				
Perfluorotetradecanoic acid (PFTA)	3.82	0.200	"	4.00		95.4	50-150				
N-MeFOSAA	4.19	0.200	"	4.00		105	50-150				
N-EtFOSAA	4.12	0.200	"	4.00		103	50-150				
Perfluoropentanoic acid (PFPeA)	7.55	0.400	"	8.00		94.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.97	0.200	"	4.00		74.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.53	0.200	"	3.82		92.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.22	0.193	"	3.86		83.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.6	0.760	"	15.2		102	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.7	0.768	"	15.4		96.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.6	0.800	"	16.0		97.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	12.0	0.356	"	7.12		168	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.27	0.400	"	8.00		90.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.62	0.400	"	8.00		82.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.28	0.400	"	8.00		91.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.02	0.188	"	3.76		107	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.8	0.750	"	15.0		98.3	50-150				
HFPO-DA (Gen-X)	7.77	0.800	"	8.00		97.1	50-150				
11CL-PF3OUdS	7.10	0.756	"	7.56		93.9	50-150				
9CL-PF3ONS	8.21	0.748	"	7.48		110	50-150				
ADONA	5.97	0.756	"	7.56		78.9	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
LCS (BJ40531-BS1) LCS									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Perfluorododecanesulfonic acid (PFDoS)	1.98	0.194	ug/kg wet	3.88		51.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.33	0.192	"	3.84		86.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.8	1.00	"	16.0		92.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	73.5	5.00	"	80.0		91.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	59.7	5.00	"	80.0		74.6	50-150				
N-MeFOSE	36.8	2.00	"	40.0		92.0	50-150				
N-MeFOSA	4.20	0.200	"	4.00		105	50-150				
N-EtFOSE	40.6	2.00	"	40.0		102	50-150				
N-EtFOSA	3.98	0.200	"	4.00		99.5	50-150				
Surrogate: M3PFBS	*2.93*		"	*2.33*		*126*	*25-150*				
Surrogate: M5PFHxA	*3.00*		"	*2.50*		*120*	*25-150*				
Surrogate: M4PFHpA	*3.29*		"	*2.50*		*131*	*25-150*				
Surrogate: M3PFHxS	*2.78*		"	*2.37*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.12*		"	*2.50*		*125*	*25-150*				
Surrogate: M6PFDA	*1.56*		"	*1.25*		*124*	*25-150*				
Surrogate: M7PFUdA	*1.31*		"	*1.25*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.22*		"	*1.25*		*97.9*	*25-150*				
Surrogate: M2PFTeDA	*1.09*		"	*1.25*		*87.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.7*		"	*10.0*		*117*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.96*		"	*2.40*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.76*		"	*5.00*		*135*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.65*		"	*2.50*		*66.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.07*		"	*5.00*		*61.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.26*		"	*5.00*		*65.2*	*25-150*				
Surrogate: M2-6:2 FTS	*5.25*		"	*4.76*		*110*	*25-200*				
Surrogate: M2-8:2 FTS	*7.75*		"	*4.80*		*161*	*25-200*				
Surrogate: M9PFNA	*1.37*		"	*1.25*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*2.66*		"	*4.69*		*56.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.69*		"	*2.50*		*67.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.32*		"	*2.50*		*52.7*	*25-150*				
Surrogate: M3HFPO-DA	*16.0*		"	*10.0*		*160*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.1*		"	*25.0*		*48.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.6*		"	*25.0*		*54.2*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
LCS (BJ40531-BS2) LCS								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorobutanesulfonic acid (PFBS)	0.646	0.174	ug/kg wet	0.695		92.8	50-150				
Perfluorohexanoic acid (PFHxA)	0.763	0.196	"	0.786		97.1	50-150				
Perfluoroheptanoic acid (PFHpA)	0.824	0.196	"	0.786		105	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.772	0.180	"	0.719		107	50-150				
Perfluorooctanoic acid (PFOA)	0.642	0.196	"	0.786		81.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.739	0.183	"	0.731		101	50-150				
Perfluorononanoic acid (PFNA)	0.710	0.196	"	0.786		90.4	50-150				
Perfluorodecanoic acid (PFDA)	0.633	0.196	"	0.786		80.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.948	0.196	"	0.786		121	50-150				
Perfluorododecanoic acid (PFDoA)	0.692	0.196	"	0.786		88.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.847	0.196	"	0.786		108	50-150				
Perfluorotetradecanoic acid (PFTA)	0.812	0.196	"	0.786		103	50-150				
N-MeFOSAA	0.806	0.196	"	0.786		103	50-150				
N-EtFOSAA	0.723	0.196	"	0.786		92.0	50-150				
Perfluoropentanoic acid (PFPeA)	1.47	0.393	"	1.57		93.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.658	0.196	"	0.786		83.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.769	0.196	"	0.750		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.717	0.190	"	0.758		94.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.86	0.747	"	2.99		95.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.52	0.754	"	3.02		117	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.88	0.786	"	3.14		91.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	2.12	0.350	"	1.40		152	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.29	0.393	"	1.57		81.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.27	0.393	"	1.57		80.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.43	0.393	"	1.57		90.7	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.746	0.185	"	0.739		101	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.85	0.737	"	2.95		96.7	50-150				
HFPO-DA (Gen-X)	2.08	0.786	"	1.57		132	50-150				
11CL-PF3OUdS	1.48	0.743	"	1.49		99.6	50-150				
9CL-PF3ONS	1.57	0.735	"	1.47		107	50-150				
ADONA	1.16	0.743	"	1.49		77.9	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.557	0.191	"	0.762		73.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.659	0.189	"	0.754		87.4	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.58	0.982	"	3.14		81.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	13.3	4.91	"	15.7		84.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	10.7	4.91	"	15.7		68.0	50-150				
N-MeFOSE	6.88	1.96	"	7.86		87.6	50-150				
N-MeFOSA	0.973	0.196	"	0.786		124	50-150				
N-EtFOSE	8.02	1.96	"	7.86		102	50-150				
N-EtFOSA	0.841	0.196	"	0.786		107	50-150				
Surrogate: M3PFBS	*2.83*		"	*2.29*		*124*	*25-150*				
Surrogate: M5PFHxA	*3.19*		"	*2.46*		*130*	*25-150*				
Surrogate: M4PFHpA	*2.91*		"	*2.46*		*119*	*25-150*				
Surrogate: M3PFHxS	*2.79*		"	*2.33*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.16*		"	*2.46*		*129*	*25-150*				
Surrogate: M6PFDA	*1.49*		"	*1.23*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.28*		"	*1.23*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.13*		"	*1.23*		*91.8*	*25-150*				
Surrogate: M2PFTeDA	*1.01*		"	*1.23*		*82.2*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
LCS (BJ40531-BS2) LCS								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*ug/kg wet*	*9.82*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.78*		*"*	*2.35*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.66*		*"*	*4.91*		*136*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.37*		*"*	*2.46*		*55.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.01*		*"*	*4.91*		*61.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.25*		*"*	*4.91*		*66.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.74*		*"*	*4.67*		*102*	*25-200*				
Surrogate: M2-8:2 FTS	*6.48*		*"*	*4.72*		*137*	*25-200*				
Surrogate: M9PFNA	*1.44*		*"*	*1.23*		*117*	*25-150*				
Surrogate: M2-4:2 FTS	*2.28*		*"*	*4.61*		*49.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.69*		*"*	*2.46*		*68.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.43*		*"*	*2.46*		*58.1*	*25-150*				
Surrogate: M3HFPO-DA	*15.8*		*"*	*9.82*		*161*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.3*		*"*	*24.6*		*50.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.0*		*"*	*24.6*		*57.0*	*25-150*				
Matrix Spike (BJ40531-MS1) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorobutanesulfonic acid (PFBS)	3.64	0.190	ug/kg dry	3.81	ND	95.7	25-150				
Perfluorohexanoic acid (PFHxA)	4.07	0.215	"	4.30	ND	94.7	25-150				
Perfluoroheptanoic acid (PFHpA)	4.98	0.215	"	4.30	ND	116	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.03	0.197	"	3.94	ND	102	25-150				
Perfluorooctanoic acid (PFOA)	3.79	0.215	"	4.30	ND	88.0	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.33	0.200	"	4.00	ND	108	25-150				
Perfluorononanoic acid (PFNA)	4.04	0.215	"	4.30	ND	93.8	25-150				
Perfluorodecanoic acid (PFDA)	3.63	0.215	"	4.30	ND	84.3	25-150				
Perfluoroundecanoic acid (PFUnA)	5.16	0.215	"	4.30	ND	120	25-150				
Perfluorododecanoic acid (PFDoA)	3.93	0.215	"	4.30	ND	91.3	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.63	0.215	"	4.30	ND	108	25-150				
Perfluorotetradecanoic acid (PFTA)	4.65	0.215	"	4.30	ND	108	25-150				
N-MeFOSAA	4.42	0.215	"	4.30	ND	103	25-150				
N-EtFOSAA	4.29	0.215	"	4.30	ND	99.7	25-150				
Perfluoropentanoic acid (PFPeA)	8.28	0.430	"	8.61	ND	96.3	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.26	0.215	"	4.30	ND	75.8	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.33	0.215	"	4.11	ND	105	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.89	0.208	"	4.15	ND	118	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.2	0.818	"	16.4	ND	92.9	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.1	0.826	"	16.5	ND	97.5	25-150				
Perfluoro-n-butanoic acid (PFBA)	16.9	0.861	"	17.2	ND	98.4	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	12.3	0.383	"	7.66	ND	160	25-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.45	0.430	"	8.61	ND	75.0	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.40	0.430	"	8.61	ND	86.0	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.07	0.430	"	8.61	ND	93.7	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.09	0.202	"	4.04	ND	101	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.1	0.807	"	16.1	ND	93.4	25-150				
HFPO-DA (Gen-X)	9.10	0.861	"	8.61	ND	106	25-150				
11CL-PF3OUdS	9.61	0.813	"	8.13	ND	118	25-150				
9CL-PF3ONS	10.5	0.805	"	8.05	ND	131	25-150				
ADONA	7.04	0.813	"	8.13	ND	86.6	25-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Matrix Spike (BJ40531-MS1) Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorododecanesulfonic acid (PFDoS)	3.30	0.209	ug/kg dry	4.17	ND	79.1	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.63	0.207	"	4.13	ND	112	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.0	1.08	"	17.2	ND	81.6	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	65.7	5.38	"	86.1	ND	76.3	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	55.6	5.38	"	86.1	ND	64.6	25-150				
N-MeFOSE	38.6	2.15	"	43.0	ND	89.6	25-150				
N-MeFOSA	4.31	0.215	"	4.30	ND	100	25-150				
N-EtFOSE	43.4	2.15	"	43.0	ND	101	25-150				
N-EtFOSA	4.38	0.215	"	4.30	ND	102	25-150				
Surrogate: M3PFBS	*2.73*		*"*	*2.51*		*109*	*25-150*				
Surrogate: M5PFHxA	*2.89*		*"*	*2.69*		*108*	*25-150*				
Surrogate: M4PFHpA	*2.63*		*"*	*2.69*		*97.8*	*25-150*				
Surrogate: M3PFHxS	*2.71*		*"*	*2.55*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		*"*	*2.69*		*113*	*25-150*				
Surrogate: M6PFDA	*1.70*		*"*	*1.34*		*126*	*25-150*				
Surrogate: M7PFUdA	*1.45*		*"*	*1.34*		*108*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.54*		*"*	*1.34*		*115*	*25-150*				
Surrogate: M2PFTeDA	*1.20*		*"*	*1.34*		*89.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.1*		*"*	*10.8*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.70*		*"*	*2.58*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.95*		*"*	*5.38*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.51*		*"*	*2.69*		*56.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.10*		*"*	*5.38*		*57.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.48*		*"*	*5.38*		*64.7*	*25-150*				
Surrogate: M2-6:2 FTS	*4.97*		*"*	*5.11*		*97.1*	*25-200*				
Surrogate: M2-8:2 FTS	*7.18*		*"*	*5.16*		*139*	*25-200*				
Surrogate: M9PFNA	*1.33*		*"*	*1.34*		*98.7*	*25-150*				
Surrogate: M2-4:2 FTS	*2.75*		*"*	*5.04*		*54.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.46*		*"*	*2.69*		*54.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.15*		*"*	*2.69*		*42.9*	*25-150*				
Surrogate: M3HFPO-DA	*13.2*		*"*	*10.8*		*122*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.3*		*"*	*26.9*		*41.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.5*		*"*	*26.9*		*46.5*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Matrix Spike Dup (BJ40531-M Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/08/2024 Analyzed: 10/09/2024		
Perfluorobutanesulfonic acid (PFBS)	3.37	0.193	ug/kg dry	3.86	ND	87.2	25-150		7.97	35	
Perfluorohexanoic acid (PFHxA)	3.57	0.218	"	4.36	ND	81.7	25-150		13.3	35	
Perfluoroheptanoic acid (PFHpA)	4.05	0.218	"	4.36	ND	92.8	25-150		20.6	35	
Perfluorohexanesulfonic acid (PFHxS)	3.69	0.200	"	3.99	ND	92.3	25-150		8.99	35	
Perfluorooctanoic acid (PFOA)	3.40	0.218	"	4.36	ND	78.0	25-150		10.6	35	
Perfluorooctanesulfonic acid (PFOS)	3.66	0.203	"	4.06	ND	90.1	25-150		16.8	35	
Perfluorononanoic acid (PFNA)	3.93	0.218	"	4.36	ND	90.1	25-150		2.63	35	
Perfluorodecanoic acid (PFDA)	3.85	0.218	"	4.36	ND	88.3	25-150		6.02	35	
Perfluoroundecanoic acid (PFUnA)	4.65	0.218	"	4.36	ND	107	25-150		10.6	35	
Perfluorododecanoic acid (PFDoA)	4.03	0.218	"	4.36	ND	92.3	25-150		2.51	35	
Perfluorotridecanoic acid (PFTrDA)	3.86	0.218	"	4.36	ND	88.4	25-150		18.2	35	
Perfluorotetradecanoic acid (PFTA)	3.92	0.218	"	4.36	ND	89.9	25-150		17.0	35	
N-MeFOSAA	4.12	0.218	"	4.36	ND	94.4	25-150		7.09	35	
N-EtFOSAA	3.74	0.218	"	4.36	ND	85.6	25-150		13.8	35	
Perfluoropentanoic acid (PFPeA)	7.47	0.436	"	8.73	ND	85.6	25-150		10.4	35	
Perfluoro-1-octanesulfonamide (FOSA)	2.96	0.218	"	4.36	ND	67.8	25-150		9.82	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.60	0.218	"	4.17	ND	86.5	25-150		18.3	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.66	0.210	"	4.21	ND	87.0	25-150		28.6	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.1	0.829	"	16.6	ND	85.1	25-150		7.32	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.6	0.838	"	16.8	ND	99.3	25-150		3.26	35	
Perfluoro-n-butanoic acid (PFBA)	15.4	0.873	"	17.5	ND	88.1	25-150		9.66	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	11.1	0.388	"	7.77	ND	143	25-150		10.3	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.15	0.436	"	8.73	ND	59.0	25-150		22.5	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	6.55	0.436	"	8.73	ND	75.1	25-150		12.2	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	7.13	0.436	"	8.73	ND	81.7	25-150		12.4	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.89	0.205	"	4.10	ND	94.9	25-150		4.96	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.6	0.818	"	16.4	ND	89.5	25-150		2.88	30	
HFPO-DA (Gen-X)	7.58	0.873	"	8.73	ND	86.9	25-150		18.2	30	
11CL-PF3OUdS	8.03	0.825	"	8.25	ND	97.4	25-150		17.9	30	
9CL-PF3ONS	9.07	0.816	"	8.16	ND	111	25-150		15.0	30	
ADONA	6.10	0.825	"	8.25	ND	74.0	25-150		14.3	30	
Perfluorododecanesulfonic acid (PFDoS)	2.30	0.212	"	4.23	ND	54.4	25-150		35.6	30	Non-dir.
Perfluoro-1-nonanesulfonic acid (PFNS)	3.75	0.209	"	4.19	ND	89.5	25-150		20.9	30	
3-Perfluoropropyl propanoic acid (FPrPA)	12.7	1.09	"	17.5	ND	72.8	25-150		10.0	30	
3-Perfluoropentyl propanoic acid (FPePA)	60.6	5.45	"	87.3	ND	69.5	25-150		7.98	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	51.3	5.45	"	87.3	ND	58.8	25-150		8.13	30	
N-MeFOSE	39.0	2.18	"	43.6	ND	89.4	25-150		1.14	30	
N-MeFOSA	4.85	0.218	"	4.36	ND	111	25-150		11.8	30	
N-EtFOSE	43.1	2.18	"	43.6	ND	98.8	25-150		0.658	30	
N-EtFOSA	4.06	0.218	"	4.36	ND	93.2	25-150		7.40	30	
Surrogate: M3PFBS	*2.97*		"	*2.54*		*117*	*25-150*				
Surrogate: M5PFHxA	*3.33*		"	*2.73*		*122*	*25-150*				
Surrogate: M4PFHpA	*2.99*		"	*2.73*		*110*	*25-150*				
Surrogate: M3PFHxS	*3.07*		"	*2.58*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.08*		"	*2.73*		*113*	*25-150*				
Surrogate: M6PFDA	*1.34*		"	*1.36*		*98.6*	*25-150*				
Surrogate: M7PFUdA	*1.38*		"	*1.36*		*101*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.12*		"	*1.36*		*82.1*	*25-150*				
Surrogate: M2PFTeDA	*1.08*		"	*1.36*		*78.9*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Matrix Spike Dup (BJ40531-M Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/08/2024 Analyzed: 10/09/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.6*		*ug/kg dry*	*10.9*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.08*		*"*	*2.61*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.79*		*"*	*5.45*		*125*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.76*		*"*	*2.73*		*64.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.18*		*"*	*5.45*		*58.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.58*		*"*	*5.45*		*65.7*	*25-150*				
Surrogate: M2-6:2 FTS	*5.36*		*"*	*5.19*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*7.63*		*"*	*5.24*		*146*	*25-200*				
Surrogate: M9PFNA	*1.38*		*"*	*1.36*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*2.87*		*"*	*5.12*		*56.1*	*25-150*				
Surrogate: d-N-MeFOSA	*1.50*		*"*	*2.73*		*55.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.33*		*"*	*2.73*		*48.7*	*25-150*				
Surrogate: M3HFPO-DA	*15.4*		*"*	*10.9*		*141*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.22*		*"*	*27.3*		*33.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.9*		*"*	*27.3*		*39.9*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40497 - EPA 3550C											
Blank (BJ40497-BLK1) Blank									Prepared & Analyzed: 10/08/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0343*		*"*	*0.0664*		*51.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0479*		*"*	*0.0664*		*72.1*	*30-150*				
LCS (BJ40497-BS1) LCS									Prepared & Analyzed: 10/08/2024		
4,4'-DDD	0.0177	0.00164	mg/kg wet	0.0332		53.3	40-140				
4,4'-DDE	0.0189	0.00164	"	0.0332		57.0	40-140				
4,4'-DDT	0.0205	0.00164	"	0.0332		61.8	40-140				
Aldrin	0.0196	0.00164	"	0.0332		59.0	40-140				
alpha-BHC	0.0211	0.00164	"	0.0332		63.4	40-140				
alpha-Chlordane	0.0197	0.00164	"	0.0332		59.4	40-140				
beta-BHC	0.0249	0.00164	"	0.0332		75.1	40-140				
delta-BHC	0.0205	0.00164	"	0.0332		61.6	40-140				
Dieldrin	0.0189	0.00164	"	0.0332		56.8	40-140				
Endosulfan I	0.0201	0.00164	"	0.0332		60.5	40-140				
Endosulfan II	0.0203	0.00164	"	0.0332		61.0	40-140				
Endosulfan sulfate	0.0193	0.00164	"	0.0332		58.1	40-140				
Endrin	0.0195	0.00164	"	0.0332		58.6	40-140				
Endrin aldehyde	0.0208	0.00164	"	0.0332		62.5	40-140				
Endrin ketone	0.0196	0.00164	"	0.0332		59.0	40-140				
gamma-BHC (Lindane)	0.0207	0.00164	"	0.0332		62.2	40-140				
gamma-Chlordane	0.0195	0.00164	"	0.0332		58.8	40-140				
Heptachlor	0.0210	0.00164	"	0.0332		63.2	40-140				
Heptachlor epoxide	0.0196	0.00164	"	0.0332		59.1	40-140				
Methoxychlor	0.0212	0.00164	"	0.0332		63.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0302*		*"*	*0.0664*		*45.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0278*		*"*	*0.0664*		*41.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40497 - EPA 3550C											
Matrix Spike (BJ40497-MS1) Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/08/2024			
4,4'-DDD	0.0235	0.00180	mg/kg dry	0.0364	ND	64.5	30-150				
4,4'-DDE	0.0265	0.00180	"	0.0364	ND	72.9	30-150				
4,4'-DDT	0.0257	0.00180	"	0.0364	ND	70.7	30-150				
Aldrin	0.0215	0.00180	"	0.0364	ND	59.1	30-150				
alpha-BHC	0.0226	0.00180	"	0.0364	ND	62.2	30-150				
alpha-Chlordane	0.0245	0.00180	"	0.0364	ND	67.4	30-150				
beta-BHC	0.0250	0.00180	"	0.0364	ND	68.7	30-150				
delta-BHC	0.0248	0.00180	"	0.0364	ND	68.2	30-150				
Dieldrin	0.0229	0.00180	"	0.0364	ND	63.0	30-150				
Endosulfan I	0.0300	0.00180	"	0.0364	ND	82.5	30-150				
Endosulfan II	0.0258	0.00180	"	0.0364	ND	70.9	30-150				
Endosulfan sulfate	0.0253	0.00180	"	0.0364	ND	69.5	30-150				
Endrin	0.0237	0.00180	"	0.0364	ND	65.3	30-150				
Endrin aldehyde	0.0247	0.00180	"	0.0364	ND	68.0	30-150				
Endrin ketone	0.0291	0.00180	"	0.0364	ND	79.9	30-150				
gamma-BHC (Lindane)	0.0231	0.00180	"	0.0364	ND	63.4	30-150				
gamma-Chlordane	0.0225	0.00180	"	0.0364	ND	61.9	30-150				
Heptachlor	0.0236	0.00180	"	0.0364	ND	64.8	30-150				
Heptachlor epoxide	0.0254	0.00180	"	0.0364	ND	69.7	30-150				
Methoxychlor	0.0335	0.00180	"	0.0364	ND	92.2	30-150				
Surrogate: Decachlorobiphenyl	*0.0373*		*"*	*0.0728*		*51.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0452*		*"*	*0.0728*		*62.1*	*30-150*				
Matrix Spike Dup (BJ40497-M Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/08/2024			
4,4'-DDD	0.0300	0.00180	mg/kg dry	0.0364	ND	82.5	30-150		24.6	30	
4,4'-DDE	0.0318	0.00180	"	0.0364	ND	87.5	30-150		18.2	30	
4,4'-DDT	0.0335	0.00180	"	0.0364	ND	92.1	30-150		26.4	30	
Aldrin	0.0277	0.00180	"	0.0364	ND	76.0	30-150		25.0	30	
alpha-BHC	0.0285	0.00180	"	0.0364	ND	78.3	30-150		23.0	30	
alpha-Chlordane	0.0307	0.00180	"	0.0364	ND	84.4	30-150		22.4	30	
beta-BHC	0.0329	0.00180	"	0.0364	ND	90.5	30-150		27.5	30	
delta-BHC	0.0323	0.00180	"	0.0364	ND	88.7	30-150		26.1	30	
Dieldrin	0.0293	0.00180	"	0.0364	ND	80.5	30-150		24.3	30	
Endosulfan I	0.0348	0.00180	"	0.0364	ND	95.5	30-150		14.7	30	
Endosulfan II	0.0326	0.00180	"	0.0364	ND	89.7	30-150		23.4	30	
Endosulfan sulfate	0.0320	0.00180	"	0.0364	ND	87.9	30-150		23.5	30	
Endrin	0.0303	0.00180	"	0.0364	ND	83.3	30-150		24.3	30	
Endrin aldehyde	0.0317	0.00180	"	0.0364	ND	87.1	30-150		24.6	30	
Endrin ketone	0.0363	0.00180	"	0.0364	ND	99.8	30-150		22.2	30	
gamma-BHC (Lindane)	0.0294	0.00180	"	0.0364	ND	80.7	30-150		24.0	30	
gamma-Chlordane	0.0284	0.00180	"	0.0364	ND	78.1	30-150		23.1	30	
Heptachlor	0.0307	0.00180	"	0.0364	ND	84.4	30-150		26.3	30	
Heptachlor epoxide	0.0317	0.00180	"	0.0364	ND	87.1	30-150		22.2	30	
Methoxychlor	0.0420	0.00180	"	0.0364	ND	115	30-150		22.4	30	
Surrogate: Decachlorobiphenyl	*0.0440*		*"*	*0.0728*		*60.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0572*		*"*	*0.0728*		*78.7*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40497 - EPA 3550C											
Blank (BJ40497-BLK2) Blank								Prepared & Analyzed: 10/08/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0608*		"	*0.0664*		*91.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0385*		"	*0.0664*		*58.0*	*30-120*				
LCS (BJ40497-BS2) LCS								Prepared & Analyzed: 10/08/2024			
Aroclor 1016	0.274	0.0166	mg/kg wet	0.332		82.6	40-130				
Aroclor 1260	0.268	0.0166	"	0.332		80.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0515*		"	*0.0664*		*77.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0346*		"	*0.0664*		*52.0*	*30-120*				
Matrix Spike (BJ40497-MS2) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/08/2024			
Aroclor 1016	0.274	0.0182	mg/kg dry	0.364	ND	75.3	40-140				
Aroclor 1260	0.269	0.0182	"	0.364	ND	73.9	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0506*		"	*0.0728*		*69.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0353*		"	*0.0728*		*48.5*	*30-120*				
Matrix Spike Dup (BJ40497-M Matrix Spike Dup *Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/08/2024			
Aroclor 1016	0.289	0.0182	mg/kg dry	0.364	ND	79.6	40-140		5.50	50	
Aroclor 1260	0.288	0.0182	"	0.364	ND	79.2	40-140		6.98	50	
Surrogate: Tetrachloro-m-xylene	*0.0531*		"	*0.0728*		*73.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0349*		"	*0.0728*		*48.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40440 - EPA 3550C/8151A											
Blank (BJ40440-BLK1) Blank								Prepared: 10/07/2024 Analyzed: 10/08/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.385*		*"*	*0.415*		*92.8*	*21-150*				
LCS (BJ40440-BS1) LCS								Prepared: 10/07/2024 Analyzed: 10/08/2024			
2,4,5-T	0.0581	0.0199	mg/kg wet	0.0664		87.5	10-120				
2,4,5-TP (Silvex)	0.0581	0.0199	"	0.0664		87.5	10-120				
2,4-D	0.0581	0.0199	"	0.0664		87.5	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.382*		*"*	*0.415*		*92.0*	*21-150*				
Matrix Spike (BJ40440-MS1) Matrix Spike *Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/07/2024 Analyzed: 10/08/2024			
2,4,5-T	0.0768	0.0217	mg/kg dry	0.0723	ND	106	10-120				
2,4,5-TP (Silvex)	0.0822	0.0217	"	0.0723	ND	114	10-120				
2,4-D	0.0876	0.0217	"	0.0723	ND	121	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.586*		*"*	*0.452*		*130*	*21-150*				
Matrix Spike Dup (BJ40440-M Matrix Spike Dup *Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/07/2024 Analyzed: 10/08/2024			
2,4,5-T	0.0488	0.0217	mg/kg dry	0.0723	ND	67.5	10-120		44.6	35	Non-dir.
2,4,5-TP (Silvex)	0.0479	0.0217	"	0.0723	ND	66.2	10-120		52.8	35	Non-dir.
2,4-D	0.0470	0.0217	"	0.0723	ND	65.0	10-118		60.4	35	Non-dir.
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.360*		*"*	*0.452*		*79.8*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40383 - EPA 3050B											
Blank (BJ40383-BLK1) Blank									Prepared: 10/06/2024 Analyzed: 10/08/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	18.3	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BJ40383-DUP1) Duplicate *Source sample: 24J0297-01 (PE47_17.5)									Prepared: 10/06/2024 Analyzed: 10/08/2024		
Aluminum	5170	4.56	mg/kg dry		5030				2.78	35	
Antimony	ND	2.28	"		ND					35	
Arsenic	ND	1.37	"		ND					35	
Barium	9.05	2.28	"		7.78				15.1	35	
Beryllium	ND	0.046	"		ND					35	
Cadmium	ND	0.274	"		ND					35	
Calcium	481	4.56	"		509				5.72	35	
Chromium	9.23	0.457	"		9.44				2.35	35	
Cobalt	2.38	0.365	"		2.33				2.33	35	
Copper	7.04	1.83	"		7.10				0.904	35	
Iron	5270	22.8	"		5320				1.07	35	
Lead	34.6	0.457	"		2.87				169	35	Non-dir.
Magnesium	1450	4.57	"		1420				1.76	35	
Manganese	39.0	0.457	"		40.2				2.95	35	
Nickel	9.75	0.909	"		9.79				0.467	35	
Potassium	425	4.57	"		398				6.65	35	
Selenium	ND	2.28	"		ND					35	
Silver	ND	0.460	"		ND					35	
Sodium	ND	45.6	"		ND					35	
Thallium	ND	2.28	"		ND					35	
Vanadium	10.7	0.909	"		10.9				2.03	35	
Zinc	11.6	2.27	"		13.3				13.5	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40383 - EPA 3050B											
Matrix Spike (BJ40383-MS1) Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared: 10/06/2024 Analyzed: 10/08/2024			
Aluminum	5420	4.56	mg/kg dry	183	5030	216	75-125	High Bias			
Antimony	11.6	2.28	"	22.8	ND	50.7	75-125	Low Bias			
Arsenic	173	1.37	"	183	ND	95.0	75-125				
Barium	187	2.28	"	183	7.78	98.3	75-125				
Beryllium	4.78	0.046	"	4.56	ND	105	75-125				
Cadmium	4.46	0.274	"	4.56	ND	97.8	75-125				
Calcium	596	4.56	"	91.3	509	94.5	75-125				
Chromium	26.9	0.457	"	18.3	9.44	95.9	75-125				
Cobalt	45.8	0.365	"	45.6	2.33	95.2	75-125				
Copper	31.7	1.83	"	22.8	7.10	108	75-125				
Iron	6160	22.8	"	91.3	5320	921	75-125	High Bias			
Lead	50.0	0.457	"	45.6	2.87	103	75-125				
Magnesium	1680	4.57	"	91.3	1420	289	75-125	High Bias			
Manganese	87.8	0.457	"	45.6	40.2	104	75-125				
Nickel	55.3	0.909	"	45.6	9.79	99.8	75-125				
Potassium	445	4.57	"	91.3	398	51.7	75-125	Low Bias			
Selenium	166	2.28	"	183	ND	91.1	75-125				
Silver	4.12	0.460	"	4.56	ND	90.2	75-125				
Sodium	234	45.6	"	91.3	ND	257	75-125	High Bias			
Thallium	173	2.28	"	183	ND	94.7	75-125				
Vanadium	54.6	0.909	"	45.6	10.9	95.8	75-125				
Zinc	56.4	2.27	"	45.6	13.3	94.4	75-125				
Post Spike (BJ40383-PS1) Post Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared: 10/06/2024 Analyzed: 10/08/2024			
Aluminum	56.6		ug/mL	2.00	55.1	77.4	75-125				
Antimony	0.268		"	0.250	0.012	102	75-125				
Arsenic	1.94		"	2.00	0.009	96.5	75-125				
Barium	2.12		"	2.00	0.085	101	75-125				
Beryllium	0.054		"	0.0500	-0.002	108	75-125				
Cadmium	0.050		"	0.0500	-0.0003	99.8	75-125				
Calcium	6.31		"	1.00	5.58	72.5	75-125	Low Bias			
Chromium	0.300		"	0.200	0.104	98.3	75-125				
Cobalt	0.511		"	0.500	0.026	97.0	75-125				
Copper	0.338		"	0.250	0.078	104	75-125				
Iron	58.7		"	1.00	58.4	36.6	75-125	Low Bias			
Lead	0.544		"	0.500	0.031	103	75-125				
Magnesium	16.4		"	1.00	15.6	88.3	75-125				
Manganese	0.930		"	0.500	0.441	97.9	75-125				
Nickel	0.600		"	0.500	0.107	98.6	75-125				
Potassium	4.73		"	1.00	4.36	37.1	75-125	Low Bias			
Selenium	1.88		"	2.00	0.005	93.8	75-125				
Silver	0.046		"	0.0500	-0.001	91.0	75-125				
Sodium	1.78		"	1.00	0.341	144	75-125	High Bias			
Thallium	1.93		"	2.00	-0.003	96.3	75-125				
Vanadium	0.610		"	0.500	0.120	98.1	75-125				
Zinc	0.628		"	0.500	0.145	96.4	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40383 - EPA 3050B											
Reference (BJ40383-SRM1) Reference									Prepared: 10/06/2024 Analyzed: 10/08/2024		
Aluminum	6920	4.17	mg/kg wet	7680		90.1	35.7-119				
Antimony	71.5	2.08	"	244		29.3	0-99.5				
Arsenic	264	1.25	"	283		93.3	69.9-101.4				
Barium	316	2.08	"	326		97.0	73.9-107.1				
Beryllium	194	0.042	"	175		111	75.4-107.4	High Bias			
Cadmium	92.7	0.250	"	95.8		96.7	72.3-103.7				
Calcium	5420	4.17	"	5470		99.0	79.5-113.2				
Chromium	224	0.417	"	239		93.9	72.4-106.3				
Cobalt	147	0.333	"	150		97.9	76-107.3				
Copper	225	1.67	"	217		104	74.7-105.1				
Iron	7060	20.8	"	7360		95.9	53-127.9				
Lead	214	0.417	"	210		102	75.7-109.5				
Magnesium	2050	4.17	"	2080		98.5	67.3-111.1				
Manganese	287	0.417	"	290		98.8	73.4-108.3				
Nickel	318	0.830	"	329		96.6	74.5-106.7				
Potassium	2520	4.17	"	2330		108	60.9-111.6				
Selenium	297	2.08	"	281		106	77.6-116.7				
Silver	56.2	0.420	"	82.7		67.9	73.7-111.7	Low Bias			
Sodium	1250	41.7	"	427		293	71.2-118.7	High Bias			
Thallium	118	2.08	"	123		96.0	70.2-104.8				
Vanadium	177	0.830	"	192		92.1	68.8-107.8				
Zinc	247	2.08	"	260		94.8	72.7-109.2				
Batch BJ40466 - EPA 3050B											
Blank (BJ40466-BLK1) Blank									Prepared: 10/07/2024 Analyzed: 10/10/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40466 - EPA 3050B											
Reference (BJ40466-SRM1) Reference								Prepared: 10/07/2024 Analyzed: 10/10/2024			
Aluminum	6730	4.17	mg/kg wet	7680		87.7	35.7-119				
Antimony	59.9	2.08	"	244		24.5	0-99.5				
Arsenic	249	1.25	"	283		87.8	69.9-101.4				
Barium	297	2.08	"	326		91.0	73.9-107.1				
Beryllium	151	0.042	"	175		86.4	75.4-107.4				
Cadmium	83.9	0.250	"	95.8		87.6	72.3-103.7				
Calcium	5170	4.17	"	5470		94.5	79.5-113.2				
Chromium	211	0.417	"	239		88.3	72.4-106.3				
Cobalt	137	0.333	"	150		91.4	76-107.3				
Copper	214	1.67	"	217		98.5	74.7-105.1				
Iron	6570	20.8	"	7360		89.2	53-127.9				
Lead	195	0.417	"	210		92.7	75.7-109.5				
Magnesium	1940	4.17	"	2080		93.2	67.3-111.1				
Manganese	263	0.417	"	290		90.6	73.4-108.3				
Nickel	300	0.830	"	329		91.2	74.5-106.7				
Potassium	2190	4.17	"	2330		94.1	60.9-111.6				
Selenium	280	2.08	"	281		99.6	77.6-116.7				
Silver	46.9	0.420	"	82.7		56.7	73.7-111.7	Low Bias			
Sodium	601	41.7	"	427		141	71.2-118.7	High Bias			
Thallium	105	2.08	"	123		85.6	70.2-104.8				
Vanadium	164	0.830	"	192		85.5	68.8-107.8				
Zinc	234	2.08	"	260		89.9	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40360 - EPA 7473 soil											
Blank (BJ40360-BLK1) Blank									Prepared: 10/05/2024 Analyzed: 10/08/2024		
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BJ40360-DUP1) Duplicate	*Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/05/2024 Analyzed: 10/08/2024		
Mercury	ND	0.0329	mg/kg dry		ND					35	
Matrix Spike (BJ40360-MS1) Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)								Prepared: 10/05/2024 Analyzed: 10/08/2024		
Mercury	0.462		mg/kg	0.500	0.0161	89.3	75-125				
Reference (BJ40360-SRM1) Reference									Prepared: 10/05/2024 Analyzed: 10/08/2024		
Mercury	17.573		mg/kg	18.2		96.6	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40344 - EPA SW846-3060												
Blank (BJ40344-BLK1)	Blank								Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BJ40344-DUP1)	Duplicate	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		ND	0.548	mg/kg dry		ND					35	
Matrix Spike (BJ40344-MS1)	Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		16.4	0.548	mg/kg dry	21.9	ND	74.8	75-125	Low Bias			
Matrix Spike Dup (BJ40344-M	Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		17.2	0.548	mg/kg dry	21.9	ND	78.6	75-125		4.95	200	
Reference (BJ40344-SRM1)	Reference								Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		249		mg/L	227		110	42.3-157.7				
Batch BJ40387 - Analysis Preparation Soil												
Blank (BJ40387-BLK1)	Blank								Prepared & Analyzed: 10/07/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BJ40387-DUP1)	Duplicate	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/07/2024			
Cyanide, total		ND	0.548	mg/kg dry		ND					15	
Matrix Spike (BJ40387-MS1)	Matrix Spike	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/07/2024			
Cyanide, total		5.20	0.548	mg/kg dry	5.48	ND	95.0	79.6-107				
Matrix Spike Dup (BJ40387-M	Matrix Spike Dup	*Source sample: 24J0297-01 (PE47_17.5)							Prepared & Analyzed: 10/07/2024			
Cyanide, total		5.69	0.548	mg/kg dry	5.48	ND	104	79.6-107		9.05	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40387 - Analysis Preparation Soil											
Reference (BJ40387-SRM1) Reference									Prepared & Analyzed: 10/07/2024		
Cyanide, total	55.5		ug/mL	59.7		93.0	38.5-161.4				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40322 - % Solids Prep											
Duplicate (BJ40322-DUP1) Duplicate	*Source sample: 24J0297-01 (PE47_17.5)								Prepared & Analyzed: 10/04/2024		
% Solids	91.4	0.100	%		91.3				0.0639	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J0297-01	PE47_17.5	40mL Vial with Stir Bar-Cool 4° C
24J0297-02	PE55_17	40mL Vial with Stir Bar-Cool 4° C
24J0297-03	TB_10032024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24J0297

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany, NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 2096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Daniel Horvath

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp. G/C
PE47-17.5	10/3	1330	S	3									1	X	X	X	X	X	X	X	X	X	
PE55-17	10/3	1335	S	3									1	X	X	X	X	X	X	X	X	X	
TB-10032024					2									X									

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments: Extra volume provided for MS/MSD on PE47-17.5

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time
Daniel Horvath / Langan	10/3/24 1520
2. Samples Received by / Company	Date/Time
[illegible]	10/3/24 16:16 6.2
3. Samples Relinquished by / Company	Date/Time
Ramon Duran	10/3/24

1. Samples Received by / Company	Date/Time
[illegible]	10/3/24 1523
2. Samples Relinquished by / Company	Date/Time
[illegible]	10/3/24 16:16
3. Samples Received by / Company	Date/Time
Ramon Duran	10/3/24 1800
4. Samples Received by / Company	Date/Time
3000	

Samples Received in LAB by [illegible] Date/Time 10/3/24 20:00 Temperature 3.8°C degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/15/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0369

Report Date: 10/15/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0369

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 04, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J0369-01	PE46_17.5	Soil	10/04/2024	10/04/2024
24J0369-02	PE54_18	Soil	10/04/2024	10/04/2024
24J0369-03	PE63_17	Soil	10/04/2024	10/04/2024
24J0369-04	PE71_17	Soil	10/04/2024	10/04/2024
24J0369-05	FB_10042024	Water	10/04/2024	10/04/2024
24J0369-06	EB_10042024	Water	10/04/2024	10/04/2024
24J0369-07	TB_10042024	Water	10/04/2024	10/04/2024

General Notes for York Project (SDG) No.: 24J0369

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 10/15/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.062	0.12	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0067**	CCVE	mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.036**	CCVE, ICVE	mg/kg dry	0.0062	0.012	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0062	0.012	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.208	0.416	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.208	0.416	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.208	0.416	2	EPA 8270D	10/09/2024 09:00	10/09/2024 16:51	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/08/2024 09:20	10/10/2024 11:20	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.138	0.220	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0659	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.131	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.223	0.228	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.214	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.208	0.231	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.235	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.238	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.246	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.203	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.156	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.128	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.184	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.241	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.136	0.498	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.182	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.193	0.249	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.238	0.240	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.740	0.945	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.939	0.955	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.136	0.995	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.173	0.443	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.240	0.498	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0771	0.498	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.119	0.498	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.195	0.234	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.740	0.933	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:25	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.756	0.995	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:25	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.387	0.941	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:25	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.306	0.931	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:25	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.216	0.941	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:25	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.210	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.154	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:25	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.789	1.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.61	6.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ug/kg dry	1.87	6.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.760	2.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.224	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.867	2.49	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.246	0.249	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:25	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*135 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*127 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*115 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*135 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*131 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*157 %*	PFSu-H	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*70.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*111 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*84.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*134 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*138 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*128 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*76.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*139 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*99.3 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*118 %*		*25-200*

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*200 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*138 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*65.2 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*62.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*50.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*156 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.203	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0205	1	EPA 8082A	10/09/2024 09:05	10/09/2024 21:56	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0249	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0249	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0249	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:40	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*90.6 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12200**		mg/kg dry	5.20	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.60	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.87**		mg/kg dry	1.56	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**101**		mg/kg dry	2.60	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.312	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**13200**		mg/kg dry	5.20	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**19.3**		mg/kg dry	0.521	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.88**		mg/kg dry	0.416	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**17.8**		mg/kg dry	2.08	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13500**		mg/kg dry	26.0	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**29.5**		mg/kg dry	0.521	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2450**		mg/kg dry	5.21	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**82.6**		mg/kg dry	0.521	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.3**		mg/kg dry	1.04	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**647**		mg/kg dry	5.21	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.525	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**101**		mg/kg dry	52.0	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.60	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**24.8**		mg/kg dry	1.04	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**85.1**		mg/kg dry	2.59	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:19	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0696**		mg/kg dry	0.0375	1	EPA 7473	10/08/2024 13:16	10/09/2024 14:19	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.625	1	EPA 7196A	10/07/2024 15:46	10/07/2024 22:41	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.3**		mg/kg	0.500	1	Calculation	10/10/2024 17:19	10/10/2024 17:25	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.625	1	EPA 9014/9010C	10/07/2024 07:32	10/07/2024 14:51	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE46_17.5 **York Sample ID:** 24J0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:00 pm	10/04/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.1**		%	0.100	1	SM 2540G	10/07/2024 08:22	10/07/2024 12:25	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.055	0.11	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.024**	CCVE	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.090**	CCVE, ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0088**	J	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C	10/07/2024 11:00	10/07/2024 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CCVE	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	10/09/2024 09:00	10/10/2024 14:17	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*65.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/08/2024 09:20	10/10/2024 11:37	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0586	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.202	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.442	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.658	0.840	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.834	0.849	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.884	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.393	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.442	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0685	0.442	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.442	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.208	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.658	0.829	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:41	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.672	0.884	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:41	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.344	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:41	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.272	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:41	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:41	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:41	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.701	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.32	5.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ug/kg dry	1.66	5.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.675	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.770	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:41	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*105 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*108 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*104 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*112 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*100 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*91.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*68.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*108 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*125 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*108 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*73.8 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*71.1 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*79.0 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*79.6 %*	*25-200*

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*139 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*42.1 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*53.7 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*45.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*123 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*39.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 21:50	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:09	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*88.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6350**		mg/kg dry	4.61	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.31	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.02**		mg/kg dry	1.38	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**47.3**		mg/kg dry	2.30	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**842**		mg/kg dry	4.61	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.1**		mg/kg dry	0.462	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.49**		mg/kg dry	0.369	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**12.7**		mg/kg dry	1.85	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9640**		mg/kg dry	23.1	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**20.8**		mg/kg dry	0.462	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2390**		mg/kg dry	4.62	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**59.0**		mg/kg dry	0.462	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.2**		mg/kg dry	0.919	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**511**		mg/kg dry	4.62	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**55.7**		mg/kg dry	46.1	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.3**		mg/kg dry	0.919	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**81.0**		mg/kg dry	2.30	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.164**		mg/kg dry	0.0332	1	EPA 7473	10/08/2024 13:12	10/09/2024 14:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	10/07/2024 15:46	10/07/2024 22:41	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.1**		mg/kg	0.500	1	Calculation	10/10/2024 17:19	10/10/2024 17:25	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C	10/07/2024 07:32	10/07/2024 14:51	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE54_18 **York Sample ID:** 24J0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:05 pm	10/04/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G	10/07/2024 08:22	10/07/2024 12:25	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.056	0.11	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0073**	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.037**	CCVE, ICVE	mg/kg dry	0.0056	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0056	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0055**	J	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:08	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	10/09/2024 09:00	10/09/2024 17:49	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/08/2024 09:20	10/10/2024 11:55	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*62.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.197	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0589	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.661	0.845	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.839	0.854	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.889	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.445	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0689	0.445	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.661	0.834	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 19:57	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.676	0.889	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:57	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.346	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:57	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.273	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:57	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:57	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 19:57	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.705	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ug/kg dry	1.67	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.679	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.775	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 19:57	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*119 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*122 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*113 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*104 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*123 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*106 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*85.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*58.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*114 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*119 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*62.8 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*61.7 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*78.1 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*83.1 %*	*25-200*

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*164 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*121 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*46.4 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*54.7 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*47.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*140 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*41.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*51.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:23	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	10/09/2024 09:02	10/10/2024 12:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*97.6 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8120**		mg/kg dry	4.66	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.33	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.96**		mg/kg dry	1.40	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**54.6**		mg/kg dry	2.33	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**780**		mg/kg dry	4.66	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.0**		mg/kg dry	0.466	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.07**		mg/kg dry	0.372	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**10.2**		mg/kg dry	1.86	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8950**		mg/kg dry	23.3	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**5.39**		mg/kg dry	0.466	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2140**		mg/kg dry	4.66	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**54.0**		mg/kg dry	0.466	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**18.3**		mg/kg dry	0.928	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**511**		mg/kg dry	4.66	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**65.8**		mg/kg dry	46.6	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.33	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.1**		mg/kg dry	0.928	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.4**		mg/kg dry	2.32	1	EPA 6010D	10/08/2024 14:36	10/10/2024 14:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	10/08/2024 13:12	10/09/2024 14:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.559	1	EPA 7196A	10/07/2024 15:46	10/07/2024 22:41	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.0**		mg/kg	0.500	1	Calculation	10/10/2024 17:19	10/10/2024 17:25	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.559	1	EPA 9014/9010C	10/08/2024 07:27	10/08/2024 11:35	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE63_17 **York Sample ID:** 24J0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:10 pm	10/04/2024

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.4**		%	0.100	1	SM 2540G	10/07/2024 08:22	10/07/2024 12:25	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.055	0.11	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C	10/07/2024 11:00	10/07/2024 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.361	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.361	2	EPA 8270D	10/09/2024 09:00	10/09/2024 18:18	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*52.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/08/2024 09:20	10/10/2024 12:12	LL
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0579	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.183	0.203	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.219	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.650	0.831	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.825	0.839	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.874	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0678	0.437	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.205	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.650	0.820	1	EPA 1633 Draft 3	10/08/2024 15:23	10/09/2024 20:13	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.664	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 20:13	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.340	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 20:13	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.269	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 20:13	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.826	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 20:13	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/08/2024 15:23	10/09/2024 20:13	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.693	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND	PF-CCV-L	ug/kg dry	1.64	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.668	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.762	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/08/2024 15:23	10/09/2024 20:13	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*121 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*114 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*101 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*8.96 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*110 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*114 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*60.0 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*65.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*78.0 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*78.4 %*		*25-200*

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*128 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*42.3 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*57.8 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*40.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*137 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*45.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*55.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	10/09/2024 09:05	10/09/2024 22:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	10/09/2024 09:05	10/09/2024 22:37	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	10/09/2024 09:02	10/10/2024 13:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	10/09/2024 09:02	10/10/2024 13:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	10/09/2024 09:02	10/10/2024 13:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*87.6 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6220**		mg/kg dry	4.60	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.30	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.38**		mg/kg dry	1.38	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**41.1**		mg/kg dry	2.30	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.069**		mg/kg dry	0.046	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.276	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**867**		mg/kg dry	4.60	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**11.7**		mg/kg dry	0.460	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.76**		mg/kg dry	0.368	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**20.7**		mg/kg dry	1.84	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8480**		mg/kg dry	23.0	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**37.9**	B	mg/kg dry	0.460	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1730**		mg/kg dry	4.60	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**85.5**		mg/kg dry	0.460	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.5**		mg/kg dry	0.916	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**482**		mg/kg dry	4.60	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.464	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**65.7**		mg/kg dry	46.0	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.30	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**14.3**		mg/kg dry	0.916	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**48.7**		mg/kg dry	2.29	1	EPA 6010D	10/09/2024 14:43	10/10/2024 15:08	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0333**		mg/kg dry	0.0331	1	EPA 7473	10/08/2024 13:12	10/09/2024 14:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.552	1	EPA 7196A	10/07/2024 15:46	10/07/2024 22:41	SL
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**11.7**		mg/kg	0.500	1	Calculation	10/10/2024 17:19	10/10/2024 17:25	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.552	1	EPA 9014/9010C	10/08/2024 07:27	10/08/2024 11:35	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE71_17 **York Sample ID:** 24J0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Soil	October 4, 2024 12:15 pm	10/04/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.6**		%	0.100	1	SM 2540G	10/07/2024 08:22	10/07/2024 12:25	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.28**		ug/L	0.245	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**18.4**		ug/L	0.243	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/07/2024 11:00	10/07/2024 14:45	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.4 %*	*70-130*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	10/10/2024 08:16	10/10/2024 15:44	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*24.7 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*107 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.2 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.100**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	**Anthracene**	**0.100**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	**Benzo(a)anthracene**	**0.120**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0800**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	**Chrysene**	**0.120**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.180**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
91-20-3	**Naphthalene**	**0.480**	B	ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
98-95-3	Nitrobenzene	ND	ICVE	ug/L	0.250	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**0.270**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
129-00-0	**Pyrene**	**0.230**		ug/L	0.0500	1	EPA 8270D SIM	10/10/2024 08:16	10/11/2024 13:35	SS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	10/09/2024 08:54	10/10/2024 15:43	LL
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*79.6 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.465	1.75	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 18:47	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.347	1.98	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 18:47	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.703	1.98	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 18:47	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.673	1.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.416	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.812	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.515	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.743	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.12	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.871	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.733	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.683	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.782	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.228	3.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.871	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.901	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.31	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.05	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.03	7.60	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.327	7.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.495	3.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 18:47	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.12	3.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 18:47	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.248	3.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 18:47	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.366	3.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 18:47	AM

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.752	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.77	7.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.20	7.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.37	7.49	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.693	7.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
919005-14-4	ADONA	ND		ng/L	0.525	7.49	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.921	1.92	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.851	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/09/2024 10:50	10/11/2024 18:47	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.01	4.95	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.26	24.8	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.38	24.8	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.95	19.8	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.56	1.98	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.95	19.8	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.78	1.98	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 18:47	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*133 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*138 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*129 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*137 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*148 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*120 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*95.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*84.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.46 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*131 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*79.7 %*		*25-150*

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*74.2 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*82.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*88.1 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*78.3 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*99.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*136 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*54.0 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*80.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*180 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*48.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*59.0 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	10/09/2024 08:34	10/10/2024 11:33	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	10/09/2024 08:34	10/10/2024 12:09	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	10/09/2024 08:39	10/10/2024 15:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	10/09/2024 08:39	10/10/2024 15:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	10/09/2024 08:39	10/10/2024 15:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*104 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	56	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		ug/L	28	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	17	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		ug/L	28	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.6	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	3	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**285**		ug/L	56	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	6	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		ug/L	4	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		ug/L	22	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		ug/L	278	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		ug/L	6	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		ug/L	56	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		ug/L	6	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		ug/L	11	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**974**		ug/L	56	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	* Selenium	ND		ug/L	28	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723		
7440-22-4	Silver	ND		ug/L	6	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**674**		ug/L	556	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	28	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		ug/L	11	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		ug/L	28	1	EPA 6010D	10/09/2024 08:16	10/09/2024 13:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	10/07/2024 08:34	10/07/2024 08:34	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	10/04/2024 21:36	10/04/2024 21:43	ZTS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: FB_10042024 **York Sample ID:** 24J0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:00 pm	10/04/2024

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	10/10/2024 17:28	10/10/2024 17:30	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	10/07/2024 14:34	10/07/2024 20:17	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: EB_10042024 **York Sample ID:** 24J0369-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.459	1.73	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.342	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.693	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.664	1.79	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.410	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.801	1.82	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.508	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.732	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.859	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.723	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.674	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.771	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	1.01	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.225	3.91	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.859	1.95	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.889	1.87	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.29	1.88	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.04	7.42	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	7.50	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.322	7.81	1	EPA 1633 Draft 3	10/09/2024 10:50	10/11/2024 19:03	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: EB_10042024 **York Sample ID:** 24J0369-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.488	3.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 19:03	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.09	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 19:03	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.244	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 19:03	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.361	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/09/2024 10:50	10/11/2024 19:03	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.742	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.75	7.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.15	7.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.35	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.684	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
919005-14-4	ADONA	ND		ng/L	0.518	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.908	1.89	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.840	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/09/2024 10:50	10/11/2024 19:03	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.98	4.88	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.16	24.4	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.25	24.4	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.90	19.5	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.54	1.95	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.90	19.5	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.76	1.95	1	EPA 1633 Draft 3 Certifications:	10/09/2024 10:50	10/11/2024 19:03	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*130 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*121 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*	*25-150*

Sample Information

Client Sample ID: EB_10042024 **York Sample ID:** 24J0369-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*149 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*145 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*126 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*108 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*87.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*12.9 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*131 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*128 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*79.4 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*72.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*83.8 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*78.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*96.0 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*134 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*51.1 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*68.7 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*45.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*150 %*	PFSu-H		*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*52.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*64.1 %*			*25-150*						

Sample Information

Client Sample ID: TB_10042024 **York Sample ID:** 24J0369-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	**1,1,2-Trichloroethane**	**3.96**		ug/L	0.249	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	**1,2-Dichloroethane**	**0.800**		ug/L	0.377	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10042024 **York Sample ID:** 24J0369-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	**4-Methyl-2-pentanone**	**0.790**		ug/L	0.365	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**3.63**		ug/L	0.422	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	**Bromoform**	**0.310**	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10042024 **York Sample ID:** 24J0369-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10042024 **York Sample ID:** 24J0369-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0369	100688801	Water	October 4, 2024 2:30 pm	10/04/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/07/2024 11:00	10/07/2024 15:41	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*79.3 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*113 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.6 %*	*70-130*

Analytical Batch Summary

Batch ID: BJ40357 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/04/24
BJ40357-BLK1	Blank	10/04/24
BJ40357-BS1	LCS	10/04/24
BJ40357-DUP1	Duplicate	10/04/24
BJ40357-MS1	Matrix Spike	10/04/24
BJ40357-MSD1	Matrix Spike Dup	10/04/24

Batch ID: BJ40387 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/07/24
24J0369-02	PE54_18	10/07/24
BJ40387-BLK1	Blank	10/07/24
BJ40387-SRM1	Reference	10/07/24

Batch ID: BJ40404 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/07/24
24J0369-02	PE54_18	10/07/24
24J0369-03	PE63_17	10/07/24
24J0369-04	PE71_17	10/07/24
BJ40404-DUP2	Duplicate	10/07/24

Batch ID: BJ40411 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/07/24
BJ40411-BLK1	Blank	10/07/24
BJ40411-BLK2	Blank	10/07/24
BJ40411-BS1	LCS	10/07/24
BJ40411-BS2	LCS	10/07/24

Batch ID: BJ40450 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/07/24
BJ40450-BLK1	Blank	10/07/24
BJ40450-BS1	LCS	10/07/24

Batch ID: BJ40455 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/07/24
24J0369-02	PE54_18	10/07/24
24J0369-03	PE63_17	10/07/24
24J0369-04	PE71_17	10/07/24
BJ40455-BLK1	Blank	10/07/24
BJ40455-SRM1	Reference	10/07/24

Batch ID: BJ40468 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/07/24
24J0369-02	PE54_18	10/07/24
24J0369-03	PE63_17	10/07/24
24J0369-04	PE71_17	10/07/24
BJ40468-BLK1	Blank	10/07/24
BJ40468-BS1	LCS	10/07/24
BJ40468-BSD1	LCS Dup	10/07/24

Batch ID: BJ40470 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/07/24
24J0369-07	TB_10042024	10/07/24
BJ40470-BLK1	Blank	10/07/24
BJ40470-BS1	LCS	10/07/24
BJ40470-BSD1	LCS Dup	10/07/24

Batch ID: BJ40481 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-03	PE63_17	10/08/24
24J0369-04	PE71_17	10/08/24
BJ40481-BLK1	Blank	10/08/24
BJ40481-SRM1	Reference	10/08/24

Batch ID: BJ40506 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/08/24
24J0369-02	PE54_18	10/08/24
24J0369-03	PE63_17	10/08/24
24J0369-04	PE71_17	10/08/24
BJ40506-BLK1	Blank	10/08/24
BJ40506-BS1	LCS	10/08/24

Batch ID: BJ40519 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-02	PE54_18	10/08/24
24J0369-03	PE63_17	10/08/24
24J0369-04	PE71_17	10/08/24
BJ40519-BLK1	Blank	10/08/24
BJ40519-SRM1	Reference	10/08/24

Batch ID: BJ40521 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/08/24
BJ40521-BLK1	Blank	10/08/24
BJ40521-SRM1	Reference	10/08/24

Batch ID: BJ40527 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/08/24
24J0369-02	PE54_18	10/08/24
24J0369-03	PE63_17	10/08/24
BJ40527-BLK1	Blank	10/08/24
BJ40527-DUP1	Duplicate	10/08/24
BJ40527-MS1	Matrix Spike	10/08/24
BJ40527-PS1	Post Spike	10/08/24
BJ40527-SRM1	Reference	10/08/24

Batch ID: BJ40531 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/08/24
24J0369-02	PE54_18	10/08/24
24J0369-03	PE63_17	10/08/24
24J0369-04	PE71_17	10/08/24
BJ40531-BLK1	Blank	10/08/24
BJ40531-BS1	LCS	10/08/24
BJ40531-BS2	LCS	10/08/24

Batch ID: BJ40562 **Preparation Method:** EPA 3015A **Prepared By:** CAM

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/09/24
BJ40562-BLK1	Blank	10/09/24
BJ40562-BS1	LCS	10/09/24

Batch ID: BJ40570 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date

24J0369-05	FB_10042024	10/09/24
24J0369-05	FB_10042024	10/09/24
BJ40570-BLK1	Blank	10/09/24
BJ40570-BLK2	Blank	10/09/24
BJ40570-BS1	LCS	10/09/24
BJ40570-BS2	LCS	10/09/24
BJ40570-BSD2	LCS Dup	10/09/24

Batch ID: BJ40573 **Preparation Method:** EPA 8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/09/24

Batch ID: BJ40577 **Preparation Method:** EPA 3535A **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/09/24
BJ40577-BLK1	Blank	10/09/24
BJ40577-BS1	LCS	10/09/24

Batch ID: BJ40579 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/09/24
24J0369-02	PE54_18	10/09/24
24J0369-03	PE63_17	10/09/24
24J0369-04	PE71_17	10/09/24
BJ40579-BLK1	Blank	10/09/24
BJ40579-BS1	LCS	10/09/24

Batch ID: BJ40580 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/09/24
24J0369-02	PE54_18	10/09/24
24J0369-03	PE63_17	10/09/24
24J0369-04	PE71_17	10/09/24
BJ40580-BLK1	Blank	10/09/24
BJ40580-BS1	LCS	10/09/24

Batch ID: BJ40581 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/09/24
24J0369-01	PE46_17.5	10/09/24
24J0369-02	PE54_18	10/09/24
24J0369-02	PE54_18	10/09/24
24J0369-03	PE63_17	10/09/24

24J0369-03	PE63_17	10/09/24
24J0369-04	PE71_17	10/09/24
24J0369-04	PE71_17	10/09/24
BJ40581-BLK2	Blank	10/09/24
BJ40581-BS1	LCS	10/09/24
BJ40581-BS2	LCS	10/09/24

Batch ID: BJ40593 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/09/24
24J0369-06	EB_10042024	10/09/24
BJ40593-BLK1	Blank	10/09/24
BJ40593-BS1	LCS	10/09/24
BJ40593-BS2	LCS	10/09/24
BJ40593-MRL1	MRL Check	10/09/24

Batch ID: BJ40606 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-04	PE71_17	10/09/24
BJ40606-BLK1	Blank	10/09/24
BJ40606-SRM1	Reference	10/09/24

Batch ID: BJ40650 **Preparation Method:** EPA 3510C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/10/24
BJ40650-BLK1	Blank	10/10/24
BJ40650-BLK2	Blank	10/10/24
BJ40650-BS1	LCS	10/10/24
BJ40650-BS2	LCS	10/10/24

Batch ID: BJ40718 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-01	PE46_17.5	10/10/24
24J0369-02	PE54_18	10/10/24
24J0369-03	PE63_17	10/10/24
24J0369-04	PE71_17	10/10/24

Batch ID: BJ40719 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J0369-05	FB_10042024	10/10/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40468 - EPA 5035A											
Blank (BJ40468-BLK1) Blank									Prepared & Analyzed: 10/07/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40468 - EPA 5035A											
Blank (BJ40468-BLK1) Blank								Prepared & Analyzed: 10/07/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*44.7*		*"*	*50.0*		*89.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				
LCS (BJ40468-BS1) LCS								Prepared & Analyzed: 10/07/2024			
1,1,1,2-Tetrachloroethane	47.6		ug/L	50.0		95.2	75-129			30	
1,1,1-Trichloroethane	54.8		"	50.0		110	70-130			30	
1,1,2,2-Tetrachloroethane	45.0		"	50.0		90.0	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.8		"	50.0		112	70-130			30	
1,1,2-Trichloroethane	45.4		"	50.0		90.9	70-130			30	
1,1-Dichloroethane	54.3		"	50.0		109	70-130			30	
1,1-Dichloroethylene	59.2		"	50.0		118	70-130			30	
1,1-Dichloropropylene	56.1		"	50.0		112	77-127			30	
1,2,3-Trichlorobenzene	45.0		"	50.0		90.0	70-130			30	
1,2,3-Trichloropropane	43.6		"	50.0		87.3	81-126			30	
1,2,4-Trichlorobenzene	47.3		"	50.0		94.7	70-130			30	
1,2,4-Trimethylbenzene	45.4		"	50.0		90.8	84-125			30	
1,2-Dibromo-3-chloropropane	47.4		"	50.0		94.7	40-160			30	
1,2-Dibromoethane	45.8		"	50.0		91.6	70-130			30	
1,2-Dichlorobenzene	43.3		"	50.0		86.6	70-130			30	
1,2-Dichloroethane	55.1		"	50.0		110	70-130			30	
1,2-Dichloropropane	47.4		"	50.0		94.9	70-130			30	
1,3,5-Trimethylbenzene	44.4		"	50.0		88.8	82-126			30	
1,3-Dichlorobenzene	42.0		"	50.0		84.0	70-130			30	
1,3-Dichloropropane	46.8		"	50.0		93.7	83-123			30	
1,4-Dichlorobenzene	43.0		"	50.0		85.9	70-130			30	
1,4-Dioxane	645		"	1050		61.5	40-160			30	
2,2-Dichloropropane	69.4		"	50.0		139	67-136	High Bias		30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40468 - EPA 5035A											
LCS (BJ40468-BS1) LCS								Prepared & Analyzed: 10/07/2024			
2-Butanone	48.7		ug/L	50.0		97.4	40-160			30	
2-Chlorotoluene	44.3		"	50.0		88.6	78-127			30	
2-Hexanone	46.8		"	50.0		93.6	40-160			30	
4-Chlorotoluene	44.8		"	50.0		89.7	79-125			30	
4-Methyl-2-pentanone	35.1		"	50.0		70.2	40-160			30	
Acetone	29.7		"	50.0		59.4	40-160			30	
Acrolein	4.42		"	50.0		8.84	10-238	Low Bias		30	
Acrylonitrile	53.7		"	50.0		107	66-141			30	
Benzene	54.6		"	50.0		109	70-130			30	
Bromobenzene	45.6		"	50.0		91.3	77-129			30	
Bromochloromethane	55.5		"	50.0		111	70-130			30	
Bromodichloromethane	47.5		"	50.0		94.9	70-130			30	
Bromoform	48.7		"	50.0		97.5	70-130			30	
Bromomethane	52.7		"	50.0		105	40-160			30	
Carbon disulfide	59.8		"	50.0		120	40-160			30	
Carbon tetrachloride	57.0		"	50.0		114	70-130			30	
Chlorobenzene	44.8		"	50.0		89.6	70-130			30	
Chloroethane	49.4		"	50.0		98.9	51-142			30	
Chloroform	54.4		"	50.0		109	70-130			30	
Chloromethane	52.5		"	50.0		105	49-132			30	
cis-1,2-Dichloroethylene	56.1		"	50.0		112	70-130			30	
cis-1,3-Dichloropropylene	48.9		"	50.0		97.9	70-130			30	
Cyclohexane	56.9		"	50.0		114	70-130			30	
Dibromochloromethane	47.6		"	50.0		95.1	70-130			30	
Dibromomethane	44.6		"	50.0		89.3	83-124			30	
Dichlorodifluoromethane	57.3		"	50.0		115	40-160			30	
Ethyl Benzene	47.8		"	50.0		95.7	70-130			30	
Hexachlorobutadiene	44.3		"	50.0		88.6	83-133			30	
Isopropylbenzene	45.2		"	50.0		90.3	70-130			30	
Methyl acetate	49.5		"	50.0		99.1	70-130			30	
Methyl tert-butyl ether (MTBE)	60.2		"	50.0		120	70-130			30	
Methylcyclohexane	45.6		"	50.0		91.2	70-130			30	
Methylene chloride	53.9		"	50.0		108	70-130			30	
n-Butylbenzene	47.1		"	50.0		94.1	80-130			30	
n-Propylbenzene	45.6		"	50.0		91.2	74-136			30	
o-Xylene	47.1		"	50.0		94.1	70-130			30	
p- & m- Xylenes	93.8		"	100		93.8	70-130			30	
p-Isopropyltoluene	47.1		"	50.0		94.2	85-125			30	
sec-Butylbenzene	46.1		"	50.0		92.3	83-125			30	
Styrene	48.5		"	50.0		97.0	70-130			30	
tert-Butyl alcohol (TBA)	310		"	250		124	70-130			30	
tert-Butylbenzene	39.6		"	50.0		79.2	80-127	Low Bias		30	
Tetrachloroethylene	41.5		"	50.0		83.0	70-130			30	
Toluene	45.9		"	50.0		91.8	70-130			30	
trans-1,2-Dichloroethylene	56.0		"	50.0		112	70-130			30	
trans-1,3-Dichloropropylene	52.2		"	50.0		104	70-130			30	
Trichloroethylene	46.4		"	50.0		92.9	70-130			30	
Trichlorofluoromethane	52.1		"	50.0		104	40-160			30	
Vinyl Chloride	54.7		"	50.0		109	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*45.7*		*"*	*50.0*		*91.5*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40468 - EPA 5035A											
LCS (BJ40468-BS1) LCS								Prepared & Analyzed: 10/07/2024			
Surrogate: SURR: p-Bromofluorobenzene	*50.8*		*ug/L*	*50.0*		*102*	*76-130*				
LCS Dup (BJ40468-BSD1) LCS Dup								Prepared & Analyzed: 10/07/2024			
1,1,1,2-Tetrachloroethane	51.6		ug/L	50.0		103	75-129		8.10	30	
1,1,1-Trichloroethane	59.6		"	50.0		119	70-130		8.41	30	
1,1,2,2-Tetrachloroethane	47.9		"	50.0		95.8	70-130		6.31	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59.5		"	50.0		119	70-130		6.47	30	
1,1,2-Trichloroethane	48.8		"	50.0		97.6	70-130		7.19	30	
1,1-Dichloroethane	58.5		"	50.0		117	70-130		7.41	30	
1,1-Dichloroethylene	63.9		"	50.0		128	70-130		7.64	30	
1,1-Dichloropropylene	60.8		"	50.0		122	77-127		8.08	30	
1,2,3-Trichlorobenzene	46.3		"	50.0		92.7	70-130		2.98	30	
1,2,3-Trichloropropane	45.9		"	50.0		91.9	81-126		5.11	30	
1,2,4-Trichlorobenzene	49.8		"	50.0		99.7	70-130		5.17	30	
1,2,4-Trimethylbenzene	49.6		"	50.0		99.3	84-125		8.86	30	
1,2-Dibromo-3-chloropropane	49.8		"	50.0		99.6	40-160		5.04	30	
1,2-Dibromoethane	48.4		"	50.0		96.7	70-130		5.46	30	
1,2-Dichlorobenzene	45.1		"	50.0		90.1	70-130		4.03	30	
1,2-Dichloroethane	58.7		"	50.0		117	70-130		6.20	30	
1,2-Dichloropropane	51.3		"	50.0		103	70-130		7.80	30	
1,3,5-Trimethylbenzene	48.8		"	50.0		97.5	82-126		9.36	30	
1,3-Dichlorobenzene	46.1		"	50.0		92.3	70-130		9.40	30	
1,3-Dichloropropane	49.6		"	50.0		99.3	83-123		5.80	30	
1,4-Dichlorobenzene	46.4		"	50.0		92.9	70-130		7.74	30	
1,4-Dioxane	724		"	1050		69.0	40-160		11.5	30	
2,2-Dichloropropane	75.1		"	50.0		150	67-136	High Bias	7.82	30	
2-Butanone	53.0		"	50.0		106	40-160		8.45	30	
2-Chlorotoluene	47.1		"	50.0		94.3	78-127		6.21	30	
2-Hexanone	49.6		"	50.0		99.2	40-160		5.79	30	
4-Chlorotoluene	48.4		"	50.0		96.8	79-125		7.66	30	
4-Methyl-2-pentanone	37.7		"	50.0		75.3	40-160		6.98	30	
Acetone	33.1		"	50.0		66.2	40-160		10.9	30	
Acrolein	3.66		"	50.0		7.32	10-238	Low Bias	18.8	30	
Acrylonitrile	56.8		"	50.0		114	66-141		5.62	30	
Benzene	58.8		"	50.0		118	70-130		7.44	30	
Bromobenzene	49.8		"	50.0		99.5	77-129		8.66	30	
Bromochloromethane	58.6		"	50.0		117	70-130		5.40	30	
Bromodichloromethane	51.4		"	50.0		103	70-130		8.03	30	
Bromoform	51.4		"	50.0		103	70-130		5.23	30	
Bromomethane	59.1		"	50.0		118	40-160		11.5	30	
Carbon disulfide	63.4		"	50.0		127	40-160		5.83	30	
Carbon tetrachloride	61.4		"	50.0		123	70-130		7.45	30	
Chlorobenzene	48.8		"	50.0		97.7	70-130		8.65	30	
Chloroethane	53.5		"	50.0		107	51-142		7.89	30	
Chloroform	57.8		"	50.0		116	70-130		6.13	30	
Chloromethane	56.8		"	50.0		114	49-132		7.82	30	
cis-1,2-Dichloroethylene	60.5		"	50.0		121	70-130		7.68	30	
cis-1,3-Dichloropropylene	52.8		"	50.0		106	70-130		7.55	30	
Cyclohexane	61.0		"	50.0		122	70-130		6.99	30	
Dibromochloromethane	51.3		"	50.0		103	70-130		7.61	30	
Dibromomethane	47.0		"	50.0		94.1	83-124		5.28	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40468 - EPA 5035A											
LCS Dup (BJ40468-BSD1) LCS Dup								Prepared & Analyzed: 10/07/2024			
Dichlorodifluoromethane	60.6		ug/L	50.0		121	40-160		5.56	30	
Ethyl Benzene	51.9		"	50.0		104	70-130		8.14	30	
Hexachlorobutadiene	50.0		"	50.0		100	83-133		12.0	30	
Isopropylbenzene	48.6		"	50.0		97.1	70-130		7.28	30	
Methyl acetate	52.0		"	50.0		104	70-130		4.88	30	
Methyl tert-butyl ether (MTBE)	65.3		"	50.0		131	70-130	High Bias	8.02	30	
Methylcyclohexane	48.7		"	50.0		97.4	70-130		6.51	30	
Methylene chloride	58.2		"	50.0		116	70-130		7.63	30	
n-Butylbenzene	50.2		"	50.0		100	80-130		6.38	30	
n-Propylbenzene	49.2		"	50.0		98.4	74-136		7.64	30	
o-Xylene	50.6		"	50.0		101	70-130		7.33	30	
p- & m- Xylenes	101		"	100		101	70-130		7.16	30	
p-Isopropyltoluene	51.0		"	50.0		102	85-125		7.81	30	
sec-Butylbenzene	49.3		"	50.0		98.6	83-125		6.68	30	
Styrene	52.0		"	50.0		104	70-130		6.98	30	
tert-Butyl alcohol (TBA)	332		"	250		133	70-130	High Bias	7.07	30	
tert-Butylbenzene	42.9		"	50.0		85.9	80-127		8.04	30	
Tetrachloroethylene	42.1		"	50.0		84.3	70-130		1.58	30	
Toluene	49.7		"	50.0		99.3	70-130		7.91	30	
trans-1,2-Dichloroethylene	60.3		"	50.0		121	70-130		7.45	30	
trans-1,3-Dichloropropylene	57.2		"	50.0		114	70-130		9.22	30	
Trichloroethylene	50.4		"	50.0		101	70-130		8.10	30	
Trichlorofluoromethane	56.6		"	50.0		113	40-160		8.28	30	
Vinyl Chloride	58.4		"	50.0		117	70-130		6.42	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.1*		*"*	*50.0*		*92.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40470 - EPA 5030B											
Blank (BJ40470-BLK1) Blank									Prepared & Analyzed: 10/07/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40470 - EPA 5030B											
Blank (BJ40470-BLK1) Blank								Prepared & Analyzed: 10/07/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.79*		*"*	*10.0*		*97.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.48*		*"*	*10.0*		*94.8*	*70-130*				
LCS (BJ40470-BS1) LCS								Prepared & Analyzed: 10/07/2024			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126			30	
1,1,1-Trichloroethane	11.1		"	10.0		111	70-130			20	
1,1,2,2-Tetrachloroethane	8.93		"	10.0		89.3	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	70-130			20	
1,1,2-Trichloroethane	9.05		"	10.0		90.5	70-130			20	
1,1-Dichloroethane	11.0		"	10.0		110	70-130			20	
1,1-Dichloroethylene	12.3		"	10.0		123	70-130			20	
1,1-Dichloropropylene	11.4		"	10.0		114	83-133			30	
1,2,3-Trichlorobenzene	7.05		"	10.0		70.5	70-130			20	
1,2,3-Trichloropropane	8.72		"	10.0		87.2	77-128			30	
1,2,4-Trichlorobenzene	7.60		"	10.0		76.0	70-130			20	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	82-132			20	
1,2-Dibromo-3-chloropropane	8.28		"	10.0		82.8	40-160			20	
1,2-Dibromoethane	8.84		"	10.0		88.4	70-130			20	
1,2-Dichlorobenzene	9.73		"	10.0		97.3	70-130			20	
1,2-Dichloroethane	9.39		"	10.0		93.9	70-130			20	
1,2-Dichloropropane	11.2		"	10.0		112	70-130			20	
1,3,5-Trimethylbenzene	11.9		"	10.0		119	80-131			30	
1,3-Dichlorobenzene	10.2		"	10.0		102	70-130			20	
1,3-Dichloropropane	9.33		"	10.0		93.3	81-125			30	
1,4-Dichlorobenzene	9.84		"	10.0		98.4	70-130			20	
1,4-Dioxane	144		"	210		68.6	40-160			20	
2,2-Dichloropropane	11.9		"	10.0		119	56-150			30	
2-Butanone	9.50		"	10.0		95.0	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40470 - EPA 5030B											
LCS (BJ40470-BS1) LCS								Prepared & Analyzed: 10/07/2024			
2-Chlorotoluene	11.5		ug/L	10.0		115	79-130			30	
2-Hexanone	7.28		"	10.0		72.8	40-160			20	
4-Chlorotoluene	11.6		"	10.0		116	79-128			30	
4-Methyl-2-pentanone	6.69		"	10.0		66.9	40-160			20	
Acetone	8.74		"	10.0		87.4	40-160			20	
Acrolein	0.940		"	10.0		9.40	10-153	Low Bias		30	
Acrylonitrile	8.21		"	10.0		82.1	51-150			30	
Benzene	11.4		"	10.0		114	70-130			20	
Bromobenzene	10.5		"	10.0		105	78-129			30	
Bromochloromethane	9.72		"	10.0		97.2	70-130			20	
Bromodichloromethane	10.5		"	10.0		105	70-130			20	
Bromoform	6.79		"	10.0		67.9	70-130	Low Bias		20	
Bromomethane	11.4		"	10.0		114	40-160			20	
Carbon disulfide	13.0		"	10.0		130	40-160			20	
Carbon tetrachloride	11.6		"	10.0		116	70-130			20	
Chlorobenzene	10.6		"	10.0		106	70-130			20	
Chloroethane	11.9		"	10.0		119	40-160			20	
Chloroform	10.5		"	10.0		105	70-130			20	
Chloromethane	11.9		"	10.0		119	40-160			20	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130			20	
cis-1,3-Dichloropropylene	9.99		"	10.0		99.9	70-130			20	
Cyclohexane	5.61		"	10.0		56.1	70-130	Low Bias		20	
Dibromochloromethane	8.07		"	10.0		80.7	70-130			20	
Dibromomethane	8.83		"	10.0		88.3	72-134			30	
Dichlorodifluoromethane	12.8		"	10.0		128	40-160			20	
Ethyl Benzene	12.1		"	10.0		121	70-130			20	
Hexachlorobutadiene	8.58		"	10.0		85.8	67-146			30	
Isopropylbenzene	12.6		"	10.0		126	70-130			20	
Methyl acetate	7.66		"	10.0		76.6	70-130			20	
Methyl tert-butyl ether (MTBE)	8.07		"	10.0		80.7	70-130			20	
Methylcyclohexane	11.3		"	10.0		113	70-130			20	
Methylene chloride	10.6		"	10.0		106	70-130			20	
n-Butylbenzene	11.2		"	10.0		112	79-132			30	
n-Propylbenzene	12.3		"	10.0		123	78-133			30	
o-Xylene	11.2		"	10.0		112	70-130			20	
p- & m- Xylenes	23.5		"	20.0		117	70-130			20	
p-Isopropyltoluene	11.8		"	10.0		118	81-136			30	
sec-Butylbenzene	11.7		"	10.0		117	79-137			30	
Styrene	11.3		"	10.0		113	70-130			20	
tert-Butyl alcohol (TBA)	24.0		"	50.0		48.1	25-162			30	
tert-Butylbenzene	10.5		"	10.0		105	77-138			30	
Tetrachloroethylene	11.1		"	10.0		111	70-130			20	
Toluene	11.6		"	10.0		116	70-130			20	
trans-1,2-Dichloroethylene	11.6		"	10.0		116	70-130			20	
trans-1,3-Dichloropropylene	9.53		"	10.0		95.3	70-130			20	
Trichloroethylene	11.5		"	10.0		115	70-130			20	
Trichlorofluoromethane	11.7		"	10.0		117	40-160			20	
Vinyl Chloride	11.8		"	10.0		118	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.07*		*"*	*10.0*		*80.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40470 - EPA 5030B											
LCS (BJ40470-BS1) LCS								Prepared & Analyzed: 10/07/2024			
LCS Dup (BJ40470-BSD1) LCS Dup								Prepared & Analyzed: 10/07/2024			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126		0.00	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130		7.89	20	
1,1,2,2-Tetrachloroethane	9.81		"	10.0		98.1	70-130		9.39	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	70-130		7.01	20	
1,1,2-Trichloroethane	10.1		"	10.0		101	70-130		10.6	20	
1,1-Dichloroethane	10.5		"	10.0		105	70-130		4.66	20	
1,1-Dichloroethylene	11.3		"	10.0		113	70-130		7.88	20	
1,1-Dichloropropylene	10.6		"	10.0		106	83-133		7.54	30	
1,2,3-Trichlorobenzene	8.09		"	10.0		80.9	70-130		13.7	20	
1,2,3-Trichloropropane	9.44		"	10.0		94.4	77-128		7.93	30	
1,2,4-Trichlorobenzene	8.28		"	10.0		82.8	70-130		8.56	20	
1,2,4-Trimethylbenzene	9.93		"	10.0		99.3	82-132		13.4	20	
1,2-Dibromo-3-chloropropane	9.37		"	10.0		93.7	40-160		12.4	20	
1,2-Dibromoethane	9.93		"	10.0		99.3	70-130		11.6	20	
1,2-Dichlorobenzene	9.38		"	10.0		93.8	70-130		3.66	20	
1,2-Dichloroethane	10.5		"	10.0		105	70-130		10.8	20	
1,2-Dichloropropane	10.8		"	10.0		108	70-130		3.55	20	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		16.5	30	
1,3-Dichlorobenzene	9.41		"	10.0		94.1	70-130		8.55	20	
1,3-Dichloropropane	10.1		"	10.0		101	81-125		8.22	30	
1,4-Dichlorobenzene	9.15		"	10.0		91.5	70-130		7.27	20	
1,4-Dioxane	195		"	210		92.9	40-160		30.1	20	Non-dir.
2,2-Dichloropropane	11.0		"	10.0		110	56-150		7.34	30	
2-Butanone	10.9		"	10.0		109	40-160		14.0	20	
2-Chlorotoluene	9.91		"	10.0		99.1	79-130		15.0	30	
2-Hexanone	9.64		"	10.0		96.4	40-160		27.9	20	Non-dir.
4-Chlorotoluene	10.1		"	10.0		101	79-128		13.8	30	
4-Methyl-2-pentanone	8.77		"	10.0		87.7	40-160		26.9	20	Non-dir.
Acetone	10.4		"	10.0		104	40-160		17.2	20	
Acrolein	1.38		"	10.0		13.8	10-153		37.9	30	Non-dir.
Acrylonitrile	10.4		"	10.0		104	51-150		23.8	30	
Benzene	11.0		"	10.0		110	70-130		3.39	20	
Bromobenzene	9.83		"	10.0		98.3	78-129		6.69	30	
Bromochloromethane	10.5		"	10.0		105	70-130		7.91	20	
Bromodichloromethane	10.5		"	10.0		105	70-130		0.381	20	
Bromoform	7.88		"	10.0		78.8	70-130		14.9	20	
Bromomethane	10.5		"	10.0		105	40-160		7.69	20	
Carbon disulfide	11.8		"	10.0		118	40-160		9.42	20	
Carbon tetrachloride	10.6		"	10.0		106	70-130		9.16	20	
Chlorobenzene	10.2		"	10.0		102	70-130		4.15	20	
Chloroethane	10.6		"	10.0		106	40-160		11.4	20	
Chloroform	10.5		"	10.0		105	70-130		0.285	20	
Chloromethane	10.7		"	10.0		107	40-160		10.2	20	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	70-130		2.00	20	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	70-130		3.25	20	
Cyclohexane	5.26		"	10.0		52.6	70-130	Low Bias	6.44	20	
Dibromochloromethane	8.74		"	10.0		87.4	70-130		7.97	20	
Dibromomethane	9.72		"	10.0		97.2	72-134		9.60	30	
Dichlorodifluoromethane	11.7		"	10.0		117	40-160		8.75	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40470 - EPA 5030B											
LCS Dup (BJ40470-BSD1) LCS Dup							Prepared & Analyzed: 10/07/2024				
Ethyl Benzene	11.0		ug/L	10.0		110	70-130		8.91	20	
Hexachlorobutadiene	8.31		"	10.0		83.1	67-146		3.20	30	
Isopropylbenzene	10.3		"	10.0		103	70-130		20.5	20	Non-dir.
Methyl acetate	9.85		"	10.0		98.5	70-130		25.0	20	Non-dir.
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	70-130		23.7	20	Non-dir.
Methylcyclohexane	9.83		"	10.0		98.3	70-130		13.6	20	
Methylene chloride	10.8		"	10.0		108	70-130		1.77	20	
n-Butylbenzene	9.65		"	10.0		96.5	79-132		15.1	30	
n-Propylbenzene	10.2		"	10.0		102	78-133		18.5	30	
o-Xylene	10.6		"	10.0		106	70-130		5.43	20	
p- & m- Xylenes	21.7		"	20.0		109	70-130		7.74	20	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		14.7	30	
sec-Butylbenzene	9.83		"	10.0		98.3	79-137		17.3	30	
Styrene	11.0		"	10.0		110	70-130		2.60	20	
tert-Butyl alcohol (TBA)	41.0		"	50.0		82.1	25-162		52.2	30	Non-dir.
tert-Butylbenzene	8.79		"	10.0		87.9	77-138		17.8	30	
Tetrachloroethylene	9.71		"	10.0		97.1	70-130		13.2	20	
Toluene	10.6		"	10.0		106	70-130		8.93	20	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	70-130		7.31	20	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	70-130		8.83	20	
Trichloroethylene	10.0		"	10.0		100	70-130		13.8	20	
Trichlorofluoromethane	10.5		"	10.0		105	40-160		10.8	20	
Vinyl Chloride	10.7		"	10.0		107	70-130		10.5	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.52*		*"*	*10.0*		*95.2*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.42*		*"*	*10.0*		*94.2*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40579 - EPA 3550C											
Blank (BJ40579-BLK1) Blank									Prepared & Analyzed: 10/09/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40579 - EPA 3550C											
Blank (BJ40579-BLK1) Blank									Prepared & Analyzed: 10/09/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.24*		"	*1.66*		*74.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.19*		"	*1.66*		*71.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.650*		"	*0.831*		*78.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.634*		"	*0.831*		*76.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.13*		"	*1.66*		*68.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.630*		"	*0.831*		*75.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40579 - EPA 3550C											
LCS (BJ40579-BS1) LCS								Prepared & Analyzed: 10/09/2024			
1,1-Biphenyl	1.22	0.0416	mg/kg wet	0.831		147	18-111	High Bias			
1,2,4,5-Tetrachlorobenzene	1.17	0.0830	"	0.831		141	21-131	High Bias			
1,2,4-Trichlorobenzene	1.18	0.0416	"	1.25		94.9	10-140				
1,2-Dichlorobenzene	1.06	0.0416	"	1.25		85.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	1.10	0.0416	"	1.25		88.0	17-137				
1,3-Dichlorobenzene	1.04	0.0416	"	1.25		83.7	33-110				
1,4-Dichlorobenzene	1.07	0.0416	"	1.25		85.5	32-104				
2,3,4,6-Tetrachlorophenol	1.50	0.0830	"	1.25		120	30-130				
2,4,5-Trichlorophenol	1.26	0.0416	"	1.25		101	27-118				
2,4,6-Trichlorophenol	1.22	0.0416	"	1.25		98.0	31-120				
2,4-Dichlorophenol	1.28	0.0416	"	1.25		103	20-127				
2,4-Dimethylphenol	1.02	0.0416	"	1.25		82.0	14-132				
2,4-Dinitrophenol	1.70	0.0830	"	1.25		136	10-171				
2,4-Dinitrotoluene	1.10	0.0416	"	1.25		88.4	34-131				
2,6-Dinitrotoluene	1.13	0.0416	"	1.25		90.8	31-128				
2-Chloronaphthalene	1.12	0.0416	"	1.25		90.0	31-117				
2-Chlorophenol	1.17	0.0416	"	1.25		94.1	33-113				
2-Methylnaphthalene	1.15	0.0416	"	1.25		92.4	12-138				
2-Methylphenol	1.22	0.0416	"	1.25		97.8	10-136				
2-Nitroaniline	1.13	0.0830	"	1.25		90.6	27-132				
2-Nitrophenol	1.22	0.0416	"	1.25		98.0	17-129				
3- & 4-Methylphenols	1.09	0.0416	"	1.25		87.1	29-103				
3,3-Dichlorobenzidine	0.983	0.0416	"	0.831		118	22-149				
3-Nitroaniline	0.884	0.0830	"	1.25		70.9	20-133				
4,6-Dinitro-2-methylphenol	1.69	0.0830	"	1.25		135	10-143				
4-Bromophenyl phenyl ether	0.980	0.0416	"	1.25		78.6	29-120				
4-Chloro-3-methylphenol	1.22	0.0416	"	1.25		97.6	24-129				
4-Chloroaniline	0.834	0.0416	"	1.25		67.0	10-132				
4-Chlorophenyl phenyl ether	1.12	0.0416	"	1.25		90.1	27-124				
4-Nitroaniline	0.977	0.0830	"	1.25		78.4	16-128				
4-Nitrophenol	1.33	0.0830	"	1.25		106	10-141				
Acenaphthene	1.09	0.0416	"	1.25		87.9	30-121				
Acenaphthylene	1.10	0.0416	"	1.25		88.3	30-115				
Acetophenone	1.16	0.0416	"	0.831		140	20-112	High Bias			
Aniline	1.10	0.166	"	1.25		88.4	10-119				
Anthracene	1.15	0.0416	"	1.25		92.3	34-118				
Atrazine	1.08	0.0416	"	0.831		130	26-112	High Bias			
Benzaldehyde	0.866	0.0416	"	0.831		104	21-100	High Bias			
Benzo(a)anthracene	1.15	0.0416	"	1.25		92.3	32-122				
Benzo(a)pyrene	1.13	0.0416	"	1.25		90.6	29-133				
Benzo(b)fluoranthene	1.17	0.0416	"	1.25		94.1	25-133				
Benzo(g,h,i)perylene	1.24	0.0416	"	1.25		99.5	10-143				
Benzo(k)fluoranthene	1.11	0.0416	"	1.25		89.1	25-128				
Benzoic acid	1.14	0.0416	"	0.831		137	10-140				
Benzyl alcohol	1.13	0.0416	"	1.25		90.8	30-115				
Benzyl butyl phthalate	1.19	0.0416	"	1.25		95.2	26-126				
Bis(2-chloroethoxy)methane	1.21	0.0416	"	1.25		97.3	19-132				
Bis(2-chloroethyl)ether	1.10	0.0416	"	1.25		88.0	19-125				
Bis(2-chloroisopropyl)ether	1.06	0.0416	"	1.25		84.9	20-135				
Bis(2-ethylhexyl)phthalate	1.23	0.0416	"	1.25		99.0	10-155				
Caprolactam	1.16	0.0830	"	0.831		140	10-127	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40579 - EPA 3550C											
LCS (BJ40579-BS1) LCS							Prepared & Analyzed: 10/09/2024				
Carbazole	1.13	0.0416	mg/kg wet	1.25		90.9	35-123				
Chrysene	1.15	0.0416	"	1.25		92.2	32-123				
Dibenzo(a,h)anthracene	1.22	0.0416	"	1.25		98.1	10-136				
Dibenzofuran	1.11	0.0416	"	1.25		89.0	29-121				
Diethyl phthalate	1.14	0.0416	"	1.25		91.3	34-116				
Dimethyl phthalate	1.09	0.0416	"	1.25		87.1	35-124				
Di-n-butyl phthalate	1.13	0.0416	"	1.25		90.8	31-116				
Di-n-octyl phthalate	1.23	0.0416	"	1.25		99.1	26-136				
Fluoranthene	1.08	0.0416	"	1.25		86.7	33-122				
Fluorene	1.13	0.0416	"	1.25		90.6	29-123				
Hexachlorobenzene	1.03	0.0416	"	1.25		82.6	21-124				
Hexachlorobutadiene	1.20	0.0416	"	1.25		96.7	10-149				
Hexachlorocyclopentadiene	1.02	0.0416	"	1.25		82.2	10-129				
Hexachloroethane	1.04	0.0416	"	1.25		83.8	28-108				
Indeno(1,2,3-cd)pyrene	1.22	0.0416	"	1.25		98.2	10-135				
Isophorone	1.20	0.0416	"	1.25		96.7	20-132				
Naphthalene	1.28	0.0416	"	1.25		102	23-124				
Nitrobenzene	1.17	0.0416	"	1.25		94.1	13-132				
N-Nitrosodimethylamine	1.03	0.0416	"	1.25		82.4	11-129				
N-nitroso-di-n-propylamine	1.07	0.0416	"	1.25		86.1	24-119				
N-Nitrosodiphenylamine	1.25	0.0416	"	1.25		101	22-152				
Pentachlorophenol	1.95	0.0416	"	1.25		156	10-139	High Bias			
Phenanthrene	1.12	0.0416	"	1.25		89.6	33-123				
Phenol	1.27	0.0416	"	1.25		102	23-115				
Pyrene	1.18	0.0416	"	1.25		94.9	24-130				
Pyridine	0.874	0.166	"	1.25		70.2	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.50*		*"*	*1.66*		*90.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.54*		*"*	*1.66*		*92.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.771*		*"*	*0.831*		*92.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.798*		*"*	*0.831*		*96.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.60*		*"*	*1.66*		*96.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.796*		*"*	*0.831*		*95.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40650 - EPA 3510C											
Blank (BJ40650-BLK1) Blank									Prepared & Analyzed: 10/10/2024		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40650 - EPA 3510C											
Blank (BJ40650-BLK1) Blank									Prepared & Analyzed: 10/10/2024		
Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*11.2*		"	*50.0*		*22.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.66*		"	*50.0*		*15.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.8*		"	*25.0*		*63.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.2*		"	*25.0*		*49.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*49.5*		"	*50.0*		*99.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.3*		"	*25.0*		*69.2*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40650 - EPA 3510C											
Blank (BJ40650-BLK2) Blank									Prepared & Analyzed: 10/10/2024		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.0600	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BJ40650-BS1) LCS									Prepared & Analyzed: 10/10/2024		
1,1-Biphenyl	12.5	5.00	ug/L	25.0		50.0	33-95				
1,2,4,5-Tetrachlorobenzene	13.2	5.00	"	25.0		52.8	26-120				
1,2,4-Trichlorobenzene	12.0	5.00	"	25.0		48.1	20-118				
1,2-Dichlorobenzene	12.1	5.00	"	25.0		48.3	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	17.4	5.00	"	25.0		69.4	16-141				
1,3-Dichlorobenzene	11.6	5.00	"	25.0		46.5	23-117				
1,4-Dichlorobenzene	11.7	5.00	"	25.0		46.9	30-105				
2,3,4,6-Tetrachlorophenol	15.4	5.00	"	25.0		61.6	30-130				
2,4,5-Trichlorophenol	15.1	5.00	"	25.0		60.3	32-114				
2,4,6-Trichlorophenol	13.7	5.00	"	25.0		54.7	35-118				
2,4-Dichlorophenol	12.1	5.00	"	25.0		48.4	25-116				
2,4-Dimethylphenol	12.6	5.00	"	25.0		50.3	15-116				
2,4-Dinitrophenol	20.7	5.00	"	25.0		82.8	10-170				
2,4-Dinitrotoluene	18.8	5.00	"	25.0		75.1	41-128				
2,6-Dinitrotoluene	17.1	5.00	"	25.0		68.5	45-116				
2-Chloronaphthalene	11.8	5.00	"	25.0		47.4	33-112				
2-Chlorophenol	10.8	5.00	"	25.0		43.4	15-120				
2-Methylnaphthalene	11.3	5.00	"	25.0		45.3	24-118				
2-Methylphenol	8.86	5.00	"	25.0		35.4	10-110				
2-Nitroaniline	14.7	5.00	"	25.0		58.9	34-129				
2-Nitrophenol	13.8	5.00	"	25.0		55.0	28-118				
3- & 4-Methylphenols	7.19	5.00	"	25.0		28.8	10-107				
3,3-Dichlorobenzidine	11.8	5.00	"	25.0		47.3	15-187				
3-Nitroaniline	12.7	5.00	"	25.0		50.8	24-134				
4,6-Dinitro-2-methylphenol	30.3	5.00	"	25.0		121	10-153				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40650 - EPA 3510C											
LCS (BJ40650-BS1) LCS							Prepared & Analyzed: 10/10/2024				
4-Bromophenyl phenyl ether	17.0	5.00	ug/L	25.0		67.9	34-120				
4-Chloro-3-methylphenol	14.0	5.00	"	25.0		56.2	20-120				
4-Chloroaniline	12.1	5.00	"	25.0		48.3	10-147				
4-Chlorophenyl phenyl ether	14.0	5.00	"	25.0		56.2	27-121				
4-Nitroaniline	13.0	5.00	"	25.0		52.0	13-134				
4-Nitrophenol	6.87	5.00	"	25.0		27.5	10-131				
Acenaphthene	11.9	0.0500	"	25.0		47.6	25-116				
Acenaphthylene	12.2	0.0500	"	25.0		48.9	26-116				
Acetophenone	14.7	5.00	"	25.0		58.9	25-110				
Aniline	18.2	5.00	"	25.0		72.7	10-117				
Anthracene	15.2	0.0500	"	25.0		60.7	25-123				
Benzaldehyde	15.7	5.00	"	25.0		63.0	29-117				
Benzo(a)anthracene	13.9	0.0500	"	25.0		55.5	33-125				
Benzo(a)pyrene	14.3	0.0500	"	25.0		57.3	32-132				
Benzo(b)fluoranthene	14.3	0.0500	"	25.0		57.2	22-137				
Benzo(g,h,i)perylene	16.3	0.0500	"	25.0		65.1	10-138				
Benzo(k)fluoranthene	16.7	0.0500	"	25.0		66.7	20-137				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	7.16	5.00	"	25.0		28.6	10-117				
Benzyl butyl phthalate	13.0	5.00	"	25.0		52.0	29-133				
Bis(2-chloroethoxy)methane	14.8	5.00	"	25.0		59.3	10-154				
Bis(2-chloroethyl)ether	26.2	5.00	"	25.0		105	17-125				
Bis(2-chloroisopropyl)ether	17.7	5.00	"	25.0		70.6	10-139				
Bis(2-ethylhexyl)phthalate	14.3	0.500	"	25.0		57.2	10-189				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	14.0	5.00	"	25.0		56.0	42-126				
Chrysene	14.3	0.0500	"	25.0		57.2	32-124				
Dibenzo(a,h)anthracene	16.1	0.0500	"	25.0		64.6	16-133				
Dibenzofuran	12.8	5.00	"	25.0		51.1	36-113				
Diethyl phthalate	14.5	5.00	"	25.0		58.0	38-115				
Dimethyl phthalate	14.9	5.00	"	25.0		59.4	38-129				
Di-n-butyl phthalate	15.5	5.00	"	25.0		61.9	31-120				
Di-n-octyl phthalate	13.8	5.00	"	25.0		55.1	21-149				
Fluoranthene	15.1	0.0500	"	25.0		60.4	32-121				
Fluorene	13.3	0.0500	"	25.0		53.3	28-118				
Hexachlorobenzene	14.5	0.0200	"	25.0		58.0	23-124				
Hexachlorobutadiene	13.1	0.500	"	25.0		52.6	15-123				
Hexachlorocyclopentadiene	9.19	10.0	"	25.0		36.8	10-130				
Hexachloroethane	13.3	0.500	"	25.0		53.0	18-115				
Indeno(1,2,3-cd)pyrene	16.3	0.0500	"	25.0		65.1	15-135				
Isophorone	16.5	5.00	"	25.0		65.9	25-127				
Naphthalene	11.8	0.0500	"	25.0		47.1	18-120				
Nitrobenzene	14.7	0.250	"	25.0		58.8	21-121				
N-Nitrosodimethylamine	5.40	0.500	"	25.0		21.6	10-124				
N-nitroso-di-n-propylamine	16.0	5.00	"	25.0		64.1	26-122				
N-Nitrosodiphenylamine	16.8	5.00	"	25.0		67.0	23-149				
Pentachlorophenol	15.6	0.250	"	25.0		62.5	10-156				
Phenanthrene	14.8	0.0500	"	25.0		59.0	24-127				
Phenol	4.20	5.00	"	25.0		16.8	10-110				
Pyrene	13.1	0.0500	"	25.0		52.5	31-132				
Pyridine	3.27	5.00	"	35.0		9.34	10-90	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40650 - EPA 3510C											
LCS (BJ40650-BS1) LCS							Prepared & Analyzed: 10/10/2024				
Surrogate: SURR: 2-Fluorophenol	*10.5*		*ug/L*	*50.0*		*21.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.72*		*"*	*50.0*		*15.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.7*		*"*	*25.0*		*62.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.6*		*"*	*25.0*		*50.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*51.0*		*"*	*50.0*		*102*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.4*		*"*	*25.0*		*65.5*	*30.7-106*				
LCS (BJ40650-BS2) LCS							Prepared & Analyzed: 10/10/2024				
Acenaphthene	0.910	0.0500	ug/L	1.00		91.0	25-116				
Acenaphthylene	1.12	0.0500	"	1.00		112	26-116				
Anthracene	1.20	0.0500	"	1.00		120	25-123				
Benzo(a)anthracene	1.06	0.0500	"	1.00		106	33-125				
Benzo(a)pyrene	1.02	0.0500	"	1.00		102	32-132				
Benzo(b)fluoranthene	0.960	0.0500	"	1.00		96.0	22-137				
Benzo(g,h,i)perylene	1.15	0.0500	"	1.00		115	10-138				
Benzo(k)fluoranthene	1.03	0.0500	"	1.00		103	20-137				
Bis(2-ethylhexyl)phthalate	1.36	0.500	"	1.00		136	10-189				
Chrysene	1.02	0.0500	"	1.00		102	32-124				
Dibenzo(a,h)anthracene	1.06	0.0500	"	1.00		106	16-133				
Fluoranthene	1.12	0.0500	"	1.00		112	32-121				
Fluorene	0.970	0.0500	"	1.00		97.0	28-118				
Hexachlorobenzene	0.930	0.0200	"	1.00		93.0	23-124				
Hexachlorobutadiene	0.640	0.500	"	1.00		64.0	15-123				
Hexachloroethane	0.720	0.500	"	1.00		72.0	18-115				
Indeno(1,2,3-cd)pyrene	1.10	0.0500	"	1.00		110	15-135				
Naphthalene	0.870	0.0500	"	1.00		87.0	18-120				
Nitrobenzene	0.510	0.250	"	1.00		51.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.77	0.250	"	1.00		177	10-156	High Bias			
Phenanthrene	1.10	0.0500	"	1.00		110	24-127				
Pyrene	1.07	0.0500	"	1.00		107	31-132				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40506 - EPA 3550C												
Blank (BJ40506-BLK1)	Blank									Prepared: 10/08/2024 Analyzed: 10/09/2024		
1,4-Dioxane		ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8		*337*		*"*	*495*		*68.0*	*39-127.5*				
LCS (BJ40506-BS1)	LCS									Prepared: 10/08/2024 Analyzed: 10/09/2024		
1,4-Dioxane		494	19.8	ug/kg	495		99.8	40-130				
Surrogate: 1,4-Dioxane-d8		*356*		*"*	*495*		*72.0*	*39-127.5*				
Batch BJ40577 - EPA 3535A												
Blank (BJ40577-BLK1)	Blank									Prepared: 10/09/2024 Analyzed: 10/10/2024		
1,4-Dioxane		ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8		*4.03*		*"*	*4.00*		*101*	*36.6-118*				
LCS (BJ40577-BS1)	LCS									Prepared: 10/09/2024 Analyzed: 10/10/2024		
1,4-Dioxane		2.91	0.300	ug/L	4.00		72.8	50-130				
Surrogate: 1,4-Dioxane-d8		*3.03*		*"*	*4.00*		*75.6*	*36.6-118*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Blank (BJ40531-BLK1) Blank									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*3.11*		"	*2.31*		*135*	*25-150*				
Surrogate: M5PFHxA	*3.48*		"	*2.48*		*140*	*25-150*				
Surrogate: M4PFHpA	*3.23*		"	*2.48*		*130*	*25-150*				
Surrogate: M3PFHxS	*2.87*		"	*2.35*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.24*		"	*2.48*		*131*	*25-150*				
Surrogate: M6PFDA	*1.62*		"	*1.24*		*130*	*25-150*				
Surrogate: M7PFUdA	*1.46*		"	*1.24*		*117*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.11*		"	*1.24*		*89.2*	*25-150*				
Surrogate: M2PFTeDA	*0.992*		"	*1.24*		*80.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
Blank (BJ40531-BLK1) Blank								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.91*		*ug/kg wet*	*9.92*		*69.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.24*		*"*	*2.38*		*136*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.09*		*"*	*4.96*		*143*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.64*		*"*	*2.48*		*66.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.38*		*"*	*4.96*		*68.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.55*		*"*	*4.96*		*71.5*	*25-150*				
Surrogate: M2-6:2 FTS	*5.16*		*"*	*4.72*		*109*	*25-200*				
Surrogate: M2-8:2 FTS	*6.86*		*"*	*4.76*		*144*	*25-200*				
Surrogate: M9PFNA	*1.48*		*"*	*1.24*		*120*	*25-150*				
Surrogate: M2-4:2 FTS	*2.40*		*"*	*4.65*		*51.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.62*		*"*	*2.48*		*65.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.29*		*"*	*2.48*		*52.1*	*25-150*				
Surrogate: M3HFPO-DA	*17.7*		*"*	*9.92*		*178*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.0*		*"*	*24.8*		*48.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.0*		*"*	*24.8*		*52.2*	*25-150*				
LCS (BJ40531-BS1) LCS								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorobutanesulfonic acid (PFBS)	3.30	0.177	ug/kg wet	3.54		93.2	50-150				
Perfluorohexanoic acid (PFHxA)	3.90	0.200	"	4.00		97.6	50-150				
Perfluoroheptanoic acid (PFHpA)	4.07	0.200	"	4.00		102	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.92	0.183	"	3.66		107	50-150				
Perfluorooctanoic acid (PFOA)	3.75	0.200	"	4.00		93.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.51	0.186	"	3.72		94.3	50-150				
Perfluorononanoic acid (PFNA)	3.79	0.200	"	4.00		94.7	50-150				
Perfluorodecanoic acid (PFDA)	3.42	0.200	"	4.00		85.5	50-150				
Perfluoroundecanoic acid (PFUnA)	5.12	0.200	"	4.00		128	50-150				
Perfluorododecanoic acid (PFDoA)	3.77	0.200	"	4.00		94.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.23	0.200	"	4.00		106	50-150				
Perfluorotetradecanoic acid (PFTA)	3.82	0.200	"	4.00		95.4	50-150				
N-MeFOSAA	4.19	0.200	"	4.00		105	50-150				
N-EtFOSAA	4.12	0.200	"	4.00		103	50-150				
Perfluoropentanoic acid (PFPeA)	7.55	0.400	"	8.00		94.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.97	0.200	"	4.00		74.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.53	0.200	"	3.82		92.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.22	0.193	"	3.86		83.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.6	0.760	"	15.2		102	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.7	0.768	"	15.4		96.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.6	0.800	"	16.0		97.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	12.0	0.356	"	7.12		168	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.27	0.400	"	8.00		90.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.62	0.400	"	8.00		82.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.28	0.400	"	8.00		91.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.02	0.188	"	3.76		107	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.8	0.750	"	15.0		98.3	50-150				
HFPO-DA (Gen-X)	7.77	0.800	"	8.00		97.1	50-150				
11CL-PF3OUdS	7.10	0.756	"	7.56		93.9	50-150				
9CL-PF3ONS	8.21	0.748	"	7.48		110	50-150				
ADONA	5.97	0.756	"	7.56		78.9	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
LCS (BJ40531-BS1) LCS								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.98	0.194	ug/kg wet	3.88		51.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.33	0.192	"	3.84		86.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.8	1.00	"	16.0		92.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	73.5	5.00	"	80.0		91.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	59.7	5.00	"	80.0		74.6	50-150				
N-MeFOSE	36.8	2.00	"	40.0		92.0	50-150				
N-MeFOSA	4.20	0.200	"	4.00		105	50-150				
N-EtFOSE	40.6	2.00	"	40.0		102	50-150				
N-EtFOSA	3.98	0.200	"	4.00		99.5	50-150				
Surrogate: M3PFBS	*2.93*		"	*2.33*		*126*	*25-150*				
Surrogate: M5PFHxA	*3.00*		"	*2.50*		*120*	*25-150*				
Surrogate: M4PFHpA	*3.29*		"	*2.50*		*131*	*25-150*				
Surrogate: M3PFHxS	*2.78*		"	*2.37*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.12*		"	*2.50*		*125*	*25-150*				
Surrogate: M6PFDA	*1.56*		"	*1.25*		*124*	*25-150*				
Surrogate: M7PFUdA	*1.31*		"	*1.25*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.22*		"	*1.25*		*97.9*	*25-150*				
Surrogate: M2PFTeDA	*1.09*		"	*1.25*		*87.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.7*		"	*10.0*		*117*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.96*		"	*2.40*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.76*		"	*5.00*		*135*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.65*		"	*2.50*		*66.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.07*		"	*5.00*		*61.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.26*		"	*5.00*		*65.2*	*25-150*				
Surrogate: M2-6:2 FTS	*5.25*		"	*4.76*		*110*	*25-200*				
Surrogate: M2-8:2 FTS	*7.75*		"	*4.80*		*161*	*25-200*				
Surrogate: M9PFNA	*1.37*		"	*1.25*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*2.66*		"	*4.69*		*56.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.69*		"	*2.50*		*67.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.32*		"	*2.50*		*52.7*	*25-150*				
Surrogate: M3HFPO-DA	*16.0*		"	*10.0*		*160*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.1*		"	*25.0*		*48.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.6*		"	*25.0*		*54.2*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
LCS (BJ40531-BS2) LCS								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Perfluorobutanesulfonic acid (PFBS)	0.646	0.174	ug/kg wet	0.695		92.8	50-150				
Perfluorohexanoic acid (PFHxA)	0.763	0.196	"	0.786		97.1	50-150				
Perfluoroheptanoic acid (PFHpA)	0.824	0.196	"	0.786		105	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.772	0.180	"	0.719		107	50-150				
Perfluorooctanoic acid (PFOA)	0.642	0.196	"	0.786		81.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.739	0.183	"	0.731		101	50-150				
Perfluorononanoic acid (PFNA)	0.710	0.196	"	0.786		90.4	50-150				
Perfluorodecanoic acid (PFDA)	0.633	0.196	"	0.786		80.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.948	0.196	"	0.786		121	50-150				
Perfluorododecanoic acid (PFDoA)	0.692	0.196	"	0.786		88.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.847	0.196	"	0.786		108	50-150				
Perfluorotetradecanoic acid (PFTA)	0.812	0.196	"	0.786		103	50-150				
N-MeFOSAA	0.806	0.196	"	0.786		103	50-150				
N-EtFOSAA	0.723	0.196	"	0.786		92.0	50-150				
Perfluoropentanoic acid (PFPeA)	1.47	0.393	"	1.57		93.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.658	0.196	"	0.786		83.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.769	0.196	"	0.750		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.717	0.190	"	0.758		94.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.86	0.747	"	2.99		95.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.52	0.754	"	3.02		117	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.88	0.786	"	3.14		91.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	2.12	0.350	"	1.40		152	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.29	0.393	"	1.57		81.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.27	0.393	"	1.57		80.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.43	0.393	"	1.57		90.7	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.746	0.185	"	0.739		101	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.85	0.737	"	2.95		96.7	50-150				
HFPO-DA (Gen-X)	2.08	0.786	"	1.57		132	50-150				
11CL-PF3OUdS	1.48	0.743	"	1.49		99.6	50-150				
9CL-PF3ONS	1.57	0.735	"	1.47		107	50-150				
ADONA	1.16	0.743	"	1.49		77.9	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.557	0.191	"	0.762		73.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.659	0.189	"	0.754		87.4	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.58	0.982	"	3.14		81.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	13.3	4.91	"	15.7		84.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	10.7	4.91	"	15.7		68.0	50-150				
N-MeFOSE	6.88	1.96	"	7.86		87.6	50-150				
N-MeFOSA	0.973	0.196	"	0.786		124	50-150				
N-EtFOSE	8.02	1.96	"	7.86		102	50-150				
N-EtFOSA	0.841	0.196	"	0.786		107	50-150				
Surrogate: M3PFBS	*2.83*		"	*2.29*		*124*	*25-150*				
Surrogate: M5PFHxA	*3.19*		"	*2.46*		*130*	*25-150*				
Surrogate: M4PFHpA	*2.91*		"	*2.46*		*119*	*25-150*				
Surrogate: M3PFHxS	*2.79*		"	*2.33*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.16*		"	*2.46*		*129*	*25-150*				
Surrogate: M6PFDA	*1.49*		"	*1.23*		*121*	*25-150*				
Surrogate: M7PFUdA	*1.28*		"	*1.23*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.13*		"	*1.23*		*91.8*	*25-150*				
Surrogate: M2PFTeDA	*1.01*		"	*1.23*		*82.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40531 - EPA 1633 Prep											
LCS (BJ40531-BS2) LCS									Prepared: 10/08/2024 Analyzed: 10/09/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*ug/kg wet*	*9.82*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.78*		*"*	*2.35*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.66*		*"*	*4.91*		*136*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.37*		*"*	*2.46*		*55.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.01*		*"*	*4.91*		*61.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.25*		*"*	*4.91*		*66.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.74*		*"*	*4.67*		*102*	*25-200*				
Surrogate: M2-8:2 FTS	*6.48*		*"*	*4.72*		*137*	*25-200*				
Surrogate: M9PFNA	*1.44*		*"*	*1.23*		*117*	*25-150*				
Surrogate: M2-4:2 FTS	*2.28*		*"*	*4.61*		*49.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.69*		*"*	*2.46*		*68.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.43*		*"*	*2.46*		*58.1*	*25-150*				
Surrogate: M3HFPO-DA	*15.8*		*"*	*9.82*		*161*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.3*		*"*	*24.6*		*50.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.0*		*"*	*24.6*		*57.0*	*25-150*				
Batch BJ40593 - EPA 1633 Prep											
Blank (BJ40593-BLK1) Blank									Prepared: 10/09/2024 Analyzed: 10/11/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40593 - EPA 1633 Prep											
Blank (BJ40593-BLK1) Blank									Prepared: 10/09/2024 Analyzed: 10/11/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*30.9*		"	*23.3*		*133*	*25-150*				
Surrogate: M5PFHxA	*31.2*		"	*25.0*		*125*	*25-150*				
Surrogate: M4PFHpA	*36.9*		"	*25.0*		*148*	*25-150*				
Surrogate: M3PFHxS	*29.5*		"	*23.7*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*39.0*		"	*25.0*		*156*	*25-150*				
Surrogate: M6PFDA	*17.2*		"	*12.5*		*138*	*25-150*				
Surrogate: M7PFUdA	*14.6*		"	*12.5*		*116*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.8*		"	*12.5*		*94.6*	*25-150*				
Surrogate: M2PFTeDA	*10.1*		"	*12.5*		*81.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.56*		"	*100*		*3.56*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*33.5*		"	*24.0*		*140*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*43.4*		"	*50.0*		*86.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*19.0*		"	*25.0*		*76.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*36.2*		"	*50.0*		*72.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*41.9*		"	*50.0*		*83.7*	*25-150*				
Surrogate: M2-6:2 FTS	*47.6*		"	*47.6*		*100*	*25-200*				
Surrogate: M2-8:2 FTS	*69.8*		"	*48.0*		*145*	*25-200*				
Surrogate: M9PFNA	*16.5*		"	*12.5*		*132*	*25-150*				
Surrogate: M2-4:2 FTS	*26.1*		"	*46.9*		*55.6*	*25-150*				
Surrogate: d-N-MeFOSA	*19.0*		"	*25.0*		*75.9*	*25-150*				
Surrogate: d-N-EtFOSA	*14.2*		"	*25.0*		*56.8*	*25-150*				
Surrogate: M3HFPO-DA	*168*		"	*100*		*168*	*25-150*				
Surrogate: d9-N-EtFOSE	*123*		"	*250*		*49.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*139*		"	*250*		*55.5*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40593 - EPA 1633 Prep											
LCS (BJ40593-BS1) LCS								Prepared: 10/09/2024 Analyzed: 10/11/2024			
Perfluorobutanesulfonic acid (PFBS)	37.3	1.77	ng/L	35.4		105	50-150				
Perfluorohexanoic acid (PFHxA)	42.3	2.00	"	40.0		106	50-150				
Perfluoroheptanoic acid (PFHpA)	46.0	2.00	"	40.0		115	50-150				
Perfluorohexanesulfonic acid (PFHxS)	42.4	1.83	"	36.6		116	50-150				
Perfluorooctanoic acid (PFOA)	40.5	2.00	"	40.0		101	50-150				
Perfluorooctanesulfonic acid (PFOS)	41.4	1.86	"	37.2		111	50-150				
Perfluorononanoic acid (PFNA)	46.1	2.00	"	40.0		115	50-150				
Perfluorodecanoic acid (PFDA)	36.8	2.00	"	40.0		92.1	50-150				
Perfluoroundecanoic acid (PFUnA)	45.2	2.00	"	40.0		113	50-150				
Perfluorododecanoic acid (PFDoA)	36.8	2.00	"	40.0		92.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	48.6	2.00	"	40.0		121	50-150				
Perfluorotetradecanoic acid (PFTA)	52.5	2.00	"	40.0		131	50-150				
N-MeFOSAA	43.2	2.00	"	40.0		108	50-150				
N-EtFOSAA	40.9	2.00	"	40.0		102	50-150				
Perfluoropentanoic acid (PFPeA)	85.9	4.00	"	80.0		107	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	32.1	2.00	"	40.0		80.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	38.3	1.91	"	38.2		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	38.8	1.93	"	38.6		100	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	151	7.60	"	152		99.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	155	7.68	"	154		101	50-150				
Perfluoro-n-butanoic acid (PFBA)	159	8.00	"	160		99.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	122	3.56	"	71.2		171	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	60.8	4.00	"	80.0		76.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	14.7	4.00	"	80.0		18.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	119	4.00	"	80.0		149	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	42.6	1.88	"	37.6		113	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	163	7.50	"	150		109	50-150				
HFPO-DA (Gen-X)	85.9	8.00	"	80.0		107	50-150				
11CL-PF3OUdS	77.7	7.56	"	75.6		103	50-150				
9CL-PF3ONS	92.8	7.48	"	74.8		124	50-150				
ADONA	66.4	7.56	"	75.6		87.8	50-150				
Perfluorododecanesulfonic acid (PFDoS)	25.6	1.94	"	38.8		66.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	39.9	1.92	"	38.4		104	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	102	5.00	"	160		63.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	785	25.0	"	800		98.1	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	646	25.0	"	800		80.7	50-150				
N-MeFOSE	380	20.0	"	400		94.9	50-150				
N-MeFOSA	49.2	2.00	"	40.0		123	50-150				
N-EtFOSE	418	20.0	"	400		104	50-150				
N-EtFOSA	35.3	2.00	"	40.0		88.2	50-150				
Surrogate: M3PFBS	*31.1*		*"*	*23.3*		*133*	*25-150*				
Surrogate: M5PFHxA	*32.9*		*"*	*25.0*		*131*	*25-150*				
Surrogate: M4PFHpA	*30.2*		*"*	*25.0*		*121*	*25-150*				
Surrogate: M3PFHxS	*31.0*		*"*	*23.7*		*131*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*35.7*		*"*	*25.0*		*143*	*25-150*				
Surrogate: M6PFDA	*20.4*		*"*	*12.5*		*163*	*25-150*				
Surrogate: M7PFUdA	*20.4*		*"*	*12.5*		*163*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.2*		*"*	*12.5*		*137*	*25-150*				
Surrogate: M2PFTeDA	*13.2*		*"*	*12.5*		*105*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40593 - EPA 1633 Prep											
LCS (BJ40593-BS1) LCS								Prepared: 10/09/2024 Analyzed: 10/11/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.33*		*ng/L*	*100*		*3.33*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*34.5*		*"*	*24.0*		*144*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*40.3*		*"*	*50.0*		*80.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*21.4*		*"*	*25.0*		*85.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*37.0*		*"*	*50.0*		*74.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*41.0*		*"*	*50.0*		*81.9*	*25-150*				
Surrogate: M2-6:2 FTS	*57.6*		*"*	*47.6*		*121*	*25-200*				
Surrogate: M2-8:2 FTS	*82.8*		*"*	*48.0*		*172*	*25-200*				
Surrogate: M9PFNA	*16.8*		*"*	*12.5*		*135*	*25-150*				
Surrogate: M2-4:2 FTS	*30.8*		*"*	*46.9*		*65.6*	*25-150*				
Surrogate: d-N-MeFOSA	*19.2*		*"*	*25.0*		*76.8*	*25-150*				
Surrogate: d-N-EtFOSA	*16.2*		*"*	*25.0*		*64.7*	*25-150*				
Surrogate: M3HFPO-DA	*163*		*"*	*100*		*163*	*25-150*				
Surrogate: d9-N-EtFOSE	*116*		*"*	*250*		*46.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*133*		*"*	*250*		*53.4*	*25-150*				
LCS (BJ40593-BS2) LCS								Prepared: 10/09/2024 Analyzed: 10/11/2024			
Perfluorobutanesulfonic acid (PFBS)	7.50	1.77	ng/L	7.08		106	50-150				
Perfluorohexanoic acid (PFHxA)	9.20	2.00	"	8.00		115	50-150				
Perfluoroheptanoic acid (PFHpA)	9.16	2.00	"	8.00		115	50-150				
Perfluorohexanesulfonic acid (PFHxS)	9.25	1.83	"	7.32		126	50-150				
Perfluorooctanoic acid (PFOA)	7.78	2.00	"	8.00		97.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	7.32	1.86	"	7.44		98.4	50-150				
Perfluorononanoic acid (PFNA)	7.59	2.00	"	8.00		94.8	50-150				
Perfluorodecanoic acid (PFDA)	6.26	2.00	"	8.00		78.2	50-150				
Perfluoroundecanoic acid (PFUnA)	9.21	2.00	"	8.00		115	50-150				
Perfluorododecanoic acid (PFDoA)	8.13	2.00	"	8.00		102	50-150				
Perfluorotridecanoic acid (PFTrDA)	9.75	2.00	"	8.00		122	50-150				
Perfluorotetradecanoic acid (PFTA)	9.13	2.00	"	8.00		114	50-150				
N-MeFOSAA	8.55	2.00	"	8.00		107	50-150				
N-EtFOSAA	8.53	2.00	"	8.00		107	50-150				
Perfluoropentanoic acid (PFPeA)	17.4	4.00	"	16.0		109	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	6.27	2.00	"	8.00		78.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.10	1.91	"	7.64		92.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.51	1.93	"	7.72		97.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	34.8	7.60	"	30.4		115	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	33.4	7.68	"	30.7		109	50-150				
Perfluoro-n-butanoic acid (PFBA)	20.8	8.00	"	32.0		65.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	24.6	3.56	"	14.2		173	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.61	4.00	"	16.0		60.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	3.03	4.00	"	16.0		19.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	24.1	4.00	"	16.0		151	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	8.10	1.88	"	7.52		108	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	33.3	7.50	"	30.0		111	50-150				
HFPO-DA (Gen-X)	18.4	8.00	"	16.0		115	50-150				
11CL-PF3OUdS	16.0	7.56	"	15.1		106	50-150				
9CL-PF3ONS	17.6	7.48	"	15.0		118	50-150				
ADONA	13.2	7.56	"	15.1		87.3	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40593 - EPA 1633 Prep											
LCS (BJ40593-BS2) LCS								Prepared: 10/09/2024 Analyzed: 10/11/2024			
Perfluorododecanesulfonic acid (PFDoS)	4.86	1.94	ng/L	7.76		62.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	7.88	1.92	"	7.68		103	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	17.9	5.00	"	32.0		55.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	165	25.0	"	160		103	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	134	25.0	"	160		83.5	50-150				
N-MeFOSE	86.2	20.0	"	80.0		108	50-150				
N-MeFOSA	8.54	2.00	"	8.00		107	50-150				
N-EtFOSE	77.4	20.0	"	80.0		96.7	50-150				
N-EtFOSA	7.96	2.00	"	8.00		99.6	50-150				
Surrogate: M3PFBS	*31.2*		"	*23.3*		*134*	*25-150*				
Surrogate: M5PFHxA	*31.3*		"	*25.0*		*125*	*25-150*				
Surrogate: M4PFHpA	*32.3*		"	*25.0*		*129*	*25-150*				
Surrogate: M3PFHxS	*29.5*		"	*23.7*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.7*		"	*25.0*		*135*	*25-150*				
Surrogate: M6PFDA	*19.9*		"	*12.5*		*159*	*25-150*				
Surrogate: M7PFUdA	*17.9*		"	*12.5*		*144*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.4*		"	*12.5*		*115*	*25-150*				
Surrogate: M2PFTeDA	*11.4*		"	*12.5*		*91.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.62*		"	*100*		*3.62*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*32.8*		"	*24.0*		*137*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*39.9*		"	*50.0*		*79.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*19.7*		"	*25.0*		*79.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*36.0*		"	*50.0*		*72.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*40.5*		"	*50.0*		*81.1*	*25-150*				
Surrogate: M2-6:2 FTS	*46.7*		"	*47.6*		*98.1*	*25-200*				
Surrogate: M2-8:2 FTS	*70.3*		"	*48.0*		*147*	*25-200*				
Surrogate: M9PFNA	*13.8*		"	*12.5*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*26.8*		"	*46.9*		*57.2*	*25-150*				
Surrogate: d-N-MeFOSA	*18.2*		"	*25.0*		*72.8*	*25-150*				
Surrogate: d-N-EtFOSA	*15.0*		"	*25.0*		*60.2*	*25-150*				
Surrogate: M3HFPO-DA	*165*		"	*100*		*165*	*25-150*				
Surrogate: d9-N-EtFOSE	*102*		"	*250*		*40.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*107*		"	*250*		*42.9*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40570 - EPA SW846-3510C Low Level											
Blank (BJ40570-BLK1) Blank									Prepared: 10/09/2024 Analyzed: 10/10/2024		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0972*		*"*	*0.200*		*48.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.127*		*"*	*0.200*		*63.5*	*30-150*				
LCS (BJ40570-BS1) LCS									Prepared: 10/09/2024 Analyzed: 10/10/2024		
4,4'-DDD	0.0588	0.00400	ug/L	0.100		58.8	40-140			20	
4,4'-DDE	0.0541	0.00400	"	0.100		54.1	40-140			20	
4,4'-DDT	0.0598	0.00400	"	0.100		59.8	40-140			20	
Aldrin	0.0472	0.00400	"	0.100		47.2	40-140			20	
alpha-BHC	0.0569	0.00400	"	0.100		56.9	40-140			20	
alpha-Chlordane	0.0513	0.00400	"	0.100		51.3	40-140			20	
beta-BHC	0.0795	0.00400	"	0.100		79.5	40-140			20	
delta-BHC	0.0499	0.00400	"	0.100		49.9	40-140			20	
Dieldrin	0.0559	0.00200	"	0.100		55.9	40-140			20	
Endosulfan I	0.0564	0.00400	"	0.100		56.4	40-140			20	
Endosulfan II	0.0624	0.00400	"	0.100		62.4	40-140			20	
Endosulfan sulfate	0.0557	0.00400	"	0.100		55.7	40-140			20	
Endrin	0.0582	0.00400	"	0.100		58.2	40-140			20	
Endrin aldehyde	0.0668	0.0100	"	0.100		66.8	40-140			20	
Endrin ketone	0.0658	0.0100	"	0.100		65.8	40-140			20	
gamma-BHC (Lindane)	0.0593	0.00400	"	0.100		59.3	40-140			20	
gamma-Chlordane	0.0534	0.0100	"	0.100		53.4	40-140			20	
Heptachlor	0.0579	0.00400	"	0.100		57.9	40-140			20	
Heptachlor epoxide	0.0577	0.00400	"	0.100		57.7	40-140			20	
Methoxychlor	0.0669	0.00400	"	0.100		66.9	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0570*		*"*	*0.200*		*28.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.101*		*"*	*0.200*		*50.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40581 - EPA 3550C											
LCS (BJ40581-BS1) LCS							Prepared & Analyzed: 10/09/2024				
4,4'-DDD	0.0179	0.00164	mg/kg wet	0.0332		53.8	40-140				
4,4'-DDE	0.0175	0.00164	"	0.0332		52.6	40-140				
4,4'-DDT	0.0191	0.00164	"	0.0332		57.6	40-140				
Aldrin	0.0173	0.00164	"	0.0332		52.1	40-140				
alpha-BHC	0.0190	0.00164	"	0.0332		57.1	40-140				
alpha-Chlordane	0.0179	0.00164	"	0.0332		53.8	40-140				
beta-BHC	0.0223	0.00164	"	0.0332		67.0	40-140				
delta-BHC	0.0183	0.00164	"	0.0332		55.1	40-140				
Dieldrin	0.0174	0.00164	"	0.0332		52.4	40-140				
Endosulfan I	0.0185	0.00164	"	0.0332		55.7	40-140				
Endosulfan II	0.0194	0.00164	"	0.0332		58.3	40-140				
Endosulfan sulfate	0.0189	0.00164	"	0.0332		57.0	40-140				
Endrin	0.0174	0.00164	"	0.0332		52.4	40-140				
Endrin aldehyde	0.0207	0.00164	"	0.0332		62.4	40-140				
Endrin ketone	0.0203	0.00164	"	0.0332		61.2	40-140				
gamma-BHC (Lindane)	0.0191	0.00164	"	0.0332		57.4	40-140				
gamma-Chlordane	0.0176	0.00164	"	0.0332		53.0	40-140				
Heptachlor	0.0190	0.00164	"	0.0332		57.2	40-140				
Heptachlor epoxide	0.0182	0.00164	"	0.0332		54.8	40-140				
Methoxychlor	0.0225	0.00164	"	0.0332		67.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0299*		*"*	*0.0664*		*44.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0384*		*"*	*0.0664*		*57.8*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40570 - EPA SW846-3510C Low Level											
Blank (BJ40570-BLK2) Blank								Prepared & Analyzed: 10/09/2024			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.151*		"	*0.200*		*75.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.171*		"	*0.200*		*85.5*	*30-150*				
LCS (BJ40570-BS2) LCS								Prepared & Analyzed: 10/09/2024			
Aroclor 1016	0.945	0.0500	ug/L	1.00		94.5	40-120			20	
Aroclor 1260	0.950	0.0500	"	1.00		95.0	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.140*		"	*0.200*		*70.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.156*		"	*0.200*		*78.0*	*30-150*				
LCS Dup (BJ40570-BSD2) LCS Dup								Prepared & Analyzed: 10/09/2024			
Aroclor 1016	0.924	0.0500	ug/L	1.00		92.4	40-120		2.29	20	
Aroclor 1260	0.943	0.0500	"	1.00		94.3	40-120		0.760	20	
Surrogate: Tetrachloro-m-xylene	*0.141*		"	*0.200*		*70.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.226*		"	*0.200*		*113*	*30-150*				
Batch BJ40581 - EPA 3550C											
Blank (BJ40581-BLK2) Blank								Prepared & Analyzed: 10/09/2024			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0583*		"	*0.0667*		*87.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0387*		"	*0.0667*		*58.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40581 - EPA 3550C											
LCS (BJ40581-BS2) LCS							Prepared & Analyzed: 10/09/2024				
Aroclor 1016	0.253	0.0166	mg/kg wet	0.332		76.3	40-130				
Aroclor 1260	0.248	0.0166	"	0.332		74.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0478*		*"*	*0.0664*		*72.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0316*		*"*	*0.0664*		*47.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40580 - EPA 3550C/8151A											
Blank (BJ40580-BLK1) Blank									Prepared: 10/09/2024 Analyzed: 10/10/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.394*		*"*	*0.415*		*94.8*	*21-150*				
LCS (BJ40580-BS1) LCS									Prepared: 10/09/2024 Analyzed: 10/10/2024		
2,4,5-T	0.0656	0.0199	mg/kg wet	0.0664		98.7	10-120				
2,4,5-TP (Silvex)	0.0714	0.0199	"	0.0664		108	10-120				
2,4-D	0.0664	0.0199	"	0.0664		100	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.432*		*"*	*0.415*		*104*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40527 - EPA 3050B											
Blank (BJ40527-BLK1) Blank									Prepared: 10/08/2024 Analyzed: 10/10/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BJ40527-DUP1) Duplicate *Source sample: 24J0369-03 (PE63_17)									Prepared: 10/08/2024 Analyzed: 10/10/2024		
Aluminum	8240	4.66	mg/kg dry		8120				1.52	35	
Antimony	ND	2.33	"		ND					35	
Arsenic	3.86	1.40	"		4.96				24.9	35	
Barium	57.6	2.33	"		54.6				5.29	35	
Beryllium	ND	0.047	"		ND					35	
Cadmium	ND	0.280	"		ND					35	
Calcium	892	4.66	"		780				13.4	35	
Chromium	15.1	0.466	"		14.0				7.71	35	
Cobalt	5.35	0.372	"		6.07				12.6	35	
Copper	9.51	1.86	"		10.2				6.49	35	
Iron	9200	23.3	"		8950				2.71	35	
Lead	6.15	0.466	"		5.39				13.2	35	
Magnesium	1900	4.66	"		2140				11.9	35	
Manganese	59.2	0.466	"		54.0				9.11	35	
Nickel	18.5	0.928	"		18.3				1.11	35	
Potassium	503	4.66	"		511				1.52	35	
Selenium	ND	2.33	"		ND					35	
Silver	ND	0.470	"		ND					35	
Sodium	66.3	46.6	"		65.8				0.704	35	
Thallium	ND	2.33	"		ND					35	
Vanadium	17.5	0.928	"		16.1				8.51	35	
Zinc	18.1	2.32	"		17.4				3.50	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40527 - EPA 3050B											
Matrix Spike (BJ40527-MS1) Matrix Spike	*Source sample: 24J0369-03 (PE63_17)							Prepared: 10/08/2024 Analyzed: 10/10/2024			
Aluminum	7630	4.66	mg/kg dry	186	8120	NR	75-125	Low Bias			
Antimony	9.65	2.33	"	23.3	ND	41.4	75-125	Low Bias			
Arsenic	191	1.40	"	186	4.96	99.6	75-125				
Barium	250	2.33	"	186	54.6	105	75-125				
Beryllium	4.75	0.047	"	4.66	ND	102	75-125				
Cadmium	4.71	0.280	"	4.66	ND	101	75-125				
Calcium	883	4.66	"	93.2	780	111	75-125				
Chromium	35.2	0.466	"	18.6	14.0	114	75-125				
Cobalt	53.9	0.372	"	46.6	6.07	103	75-125				
Copper	35.1	1.86	"	23.3	10.2	107	75-125				
Iron	8110	23.3	"	93.2	8950	NR	75-125	Low Bias			
Lead	51.5	0.466	"	46.6	5.39	98.9	75-125				
Magnesium	1870	4.66	"	93.2	2140	NR	75-125	Low Bias			
Manganese	103	0.466	"	46.6	54.0	105	75-125				
Nickel	65.5	0.928	"	46.6	18.3	101	75-125				
Potassium	554	4.66	"	93.2	511	45.8	75-125	Low Bias			
Selenium	186	2.33	"	186	ND	99.7	75-125				
Silver	1.84	0.470	"	4.66	ND	39.4	75-125	Low Bias			
Sodium	150	46.6	"	93.2	65.8	90.6	75-125				
Thallium	176	2.33	"	186	ND	94.2	75-125				
Vanadium	61.9	0.928	"	46.6	16.1	98.3	75-125				
Zinc	61.5	2.32	"	46.6	17.4	94.5	75-125				
Post Spike (BJ40527-PS1) Post Spike	*Source sample: 24J0369-03 (PE63_17)							Prepared: 10/08/2024 Analyzed: 10/10/2024			
Aluminum	88.0		ug/mL	2.00	87.1	46.7	75-125	Low Bias			
Antimony	0.256		"	0.250	0.005	100	75-125				
Arsenic	2.05		"	2.00	0.053	99.9	75-125				
Barium	2.74		"	2.00	0.586	108	75-125				
Beryllium	0.052		"	0.0500	-0.001	103	75-125				
Cadmium	0.050		"	0.0500	0.0005	99.6	75-125				
Calcium	9.42		"	1.00	8.37	105	75-125				
Chromium	0.356		"	0.200	0.150	103	75-125				
Cobalt	0.592		"	0.500	0.065	105	75-125				
Copper	0.393		"	0.250	0.109	114	75-125				
Iron	97.9		"	1.00	96.1	185	75-125	High Bias			
Lead	0.543		"	0.500	0.058	97.0	75-125				
Magnesium	24.0		"	1.00	23.0	100	75-125				
Manganese	1.11		"	0.500	0.579	106	75-125				
Nickel	0.701		"	0.500	0.197	101	75-125				
Potassium	6.30		"	1.00	5.48	81.8	75-125				
Selenium	2.00		"	2.00	-0.004	100	75-125				
Silver	0.017		"	0.0500	-0.034	33.8	75-125	Low Bias			
Sodium	1.71		"	1.00	0.706	100	75-125				
Thallium	1.88		"	2.00	-0.023	93.8	75-125				
Vanadium	0.687		"	0.500	0.173	103	75-125				
Zinc	0.670		"	0.500	0.187	96.6	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40527 - EPA 3050B											
Reference (BJ40527-SRM1) Reference								Prepared: 10/08/2024 Analyzed: 10/10/2024			
Aluminum	6550	4.17	mg/kg wet	7680		85.3	35.7-119				
Antimony	62.1	2.08	"	244		25.5	0-99.5				
Arsenic	240	1.25	"	283		84.9	69.9-101.4				
Barium	287	2.08	"	326		88.1	73.9-107.1				
Beryllium	148	0.042	"	175		84.7	75.4-107.4				
Cadmium	82.4	0.250	"	95.8		86.0	72.3-103.7				
Calcium	5040	4.17	"	5470		92.1	79.5-113.2				
Chromium	211	0.417	"	239		88.2	72.4-106.3				
Cobalt	139	0.333	"	150		92.7	76-107.3				
Copper	210	1.67	"	217		96.6	74.7-105.1				
Iron	6630	20.8	"	7360		90.1	53-127.9				
Lead	189	0.417	"	210		89.8	75.7-109.5				
Magnesium	1870	4.17	"	2080		89.7	67.3-111.1				
Manganese	264	0.417	"	290		91.0	73.4-108.3				
Nickel	295	0.830	"	329		89.7	74.5-106.7				
Potassium	2000	4.17	"	2330		86.0	60.9-111.6				
Selenium	274	2.08	"	281		97.6	77.6-116.7				
Silver	47.0	0.420	"	82.7		56.8	73.7-111.7	Low Bias			
Sodium	391	41.7	"	427		91.6	71.2-118.7				
Thallium	101	2.08	"	123		82.4	70.2-104.8				
Vanadium	166	0.830	"	192		86.5	68.8-107.8				
Zinc	227	2.08	"	260		87.1	72.7-109.2				
Batch BJ40562 - EPA 3015A											
Blank (BJ40562-BLK1) Blank								Prepared & Analyzed: 10/09/2024			
Aluminum	ND	56	ug/L								
Antimony	ND	28	"								
Arsenic	ND	17	"								
Barium	ND	28	"								
Beryllium	1	0.6	"								
Cadmium	ND	3	"								
Calcium	ND	56	"								
Chromium	ND	6	"								
Cobalt	ND	4	"								
Copper	ND	22	"								
Iron	ND	278	"								
Lead	ND	6	"								
Magnesium	ND	56	"								
Manganese	ND	6	"								
Nickel	ND	11	"								
Potassium	ND	56	"								
Selenium	ND	28	"								
Silver	ND	6	"								
Sodium	ND	556	"								
Thallium	ND	28	"								
Vanadium	ND	11	"								
Zinc	ND	28	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40562 - EPA 3015A											
LCS (BJ40562-BS1) LCS								Prepared & Analyzed: 10/09/2024			
Aluminum	1.78		ug/mL	2.00		89.2	80-120				
Antimony	0.281		"	0.250		112	80-120				
Arsenic	1.87		"	2.00		93.5	80-120				
Barium	1.99		"	2.00		99.4	80-120				
Beryllium	0.049		"	0.0500		98.8	80-120				
Cadmium	0.048		"	0.0500		96.4	80-120				
Calcium	0.923		"	1.00		92.3	80-120				
Chromium	0.197		"	0.200		98.4	80-120				
Cobalt	0.498		"	0.500		99.6	80-120				
Copper	0.243		"	0.250		97.2	80-120				
Iron	0.888		"	1.00		88.8	80-120				
Lead	0.482		"	0.500		96.3	80-120				
Magnesium	0.931		"	1.00		93.1	80-120				
Manganese	0.490		"	0.500		98.1	80-120				
Nickel	0.499		"	0.500		99.8	80-120				
Potassium	1.12		"	1.00		112	80-120				
Selenium	1.80		"	2.00		89.8	80-120				
Silver	0.046		"	0.0500		93.0	80-120				
Sodium	2.97		"	1.00		297	80-120	High Bias			
Thallium	1.87		"	2.00		93.4	80-120				
Vanadium	0.479		"	0.500		95.8	80-120				
Zinc	0.493		"	0.500		98.6	80-120				
Batch BJ40606 - EPA 3050B											
Blank (BJ40606-BLK1) Blank								Prepared: 10/09/2024 Analyzed: 10/10/2024			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	0.612	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40606 - EPA 3050B											
Reference (BJ40606-SRM1) Reference									Prepared: 10/09/2024 Analyzed: 10/10/2024		
Aluminum	6400	4.17	mg/kg wet	7680		83.4	35.7-119				
Antimony	59.7	2.08	"	244		24.5	0-99.5				
Arsenic	233	1.25	"	283		82.3	69.9-101.4				
Barium	276	2.08	"	326		84.6	73.9-107.1				
Beryllium	146	0.042	"	175		83.7	75.4-107.4				
Cadmium	79.7	0.250	"	95.8		83.2	72.3-103.7				
Calcium	5020	4.17	"	5470		91.8	79.5-113.2				
Chromium	207	0.417	"	239		86.5	72.4-106.3				
Cobalt	137	0.333	"	150		91.2	76-107.3				
Copper	203	1.67	"	217		93.6	74.7-105.1				
Iron	6360	20.8	"	7360		86.4	53-127.9				
Lead	183	0.417	"	210		87.3	75.7-109.5				
Magnesium	1810	4.17	"	2080		86.9	67.3-111.1				
Manganese	248	0.417	"	290		85.6	73.4-108.3				
Nickel	288	0.830	"	329		87.4	74.5-106.7				
Potassium	1950	4.17	"	2330		83.8	60.9-111.6				
Selenium	264	2.08	"	281		94.0	77.6-116.7				
Silver	74.4	0.420	"	82.7		89.9	73.7-111.7				
Sodium	380	41.7	"	427		89.0	71.2-118.7				
Thallium	97.8	2.08	"	123		79.5	70.2-104.8				
Vanadium	161	0.830	"	192		83.9	68.8-107.8				
Zinc	222	2.08	"	260		85.3	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40411 - EPA SW846-7470A											
Blank (BJ40411-BLK1) Blank								Prepared & Analyzed: 10/07/2024			
Mercury	ND	0.0002	mg/L								
Blank (BJ40411-BLK2) Blank								Prepared & Analyzed: 10/07/2024			
Mercury	ND	0.0002	mg/L								
LCS (BJ40411-BS1) LCS								Prepared & Analyzed: 10/07/2024			
Mercury	0.0021953	0.0002	mg/L	0.00200		110	80-120				
LCS (BJ40411-BS2) LCS								Prepared & Analyzed: 10/07/2024			
Mercury	0.0020864	0.0002	mg/L	0.00200		104	80-120				
Batch BJ40519 - EPA 7473 soil											
Blank (BJ40519-BLK1) Blank								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ40519-SRM1) Reference								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Mercury	15.311		mg/kg	18.2		84.1	59.9-140.1				
Batch BJ40521 - EPA 7473 soil											
Blank (BJ40521-BLK1) Blank								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ40521-SRM1) Reference								Prepared: 10/08/2024 Analyzed: 10/09/2024			
Mercury	20.080		mg/kg	18.2		110	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40357 - Analysis Preparation												
Blank (BJ40357-BLK1)	Blank								Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BJ40357-BS1)	LCS								Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		0.490	0.0100	mg/L	0.500		98.0	85-115				
Duplicate (BJ40357-DUP1)	Duplicate	*Source sample: 24J0369-05 (FB_10042024)							Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BJ40357-MS1)	Matrix Spike	*Source sample: 24J0369-05 (FB_10042024)							Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		0.508	0.0100	mg/L	0.500	ND	102	85-115				
Matrix Spike Dup (BJ40357-M	Matrix Spike Dup	*Source sample: 24J0369-05 (FB_10042024)							Prepared & Analyzed: 10/04/2024			
Chromium, Hexavalent		0.502	0.0100	mg/L	0.500	ND	100	85-115		1.19	200	
Batch BJ40387 - Analysis Preparation Soil												
Blank (BJ40387-BLK1)	Blank								Prepared & Analyzed: 10/07/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BJ40387-SRM1)	Reference								Prepared & Analyzed: 10/07/2024			
Cyanide, total		55.5		ug/mL	59.7		93.0	38.5-161.4				
Batch BJ40450 - Analysis Preparation												
Blank (BJ40450-BLK1)	Blank								Prepared & Analyzed: 10/07/2024			
Cyanide, total		ND	0.0100	mg/L								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40450 - Analysis Preparation												
LCS (BJ40450-BS1)	LCS								Prepared & Analyzed: 10/07/2024			
Cyanide, total		0.110	0.0100	mg/L	0.100		110	80-120				
Batch BJ40455 - EPA SW846-3060												
Blank (BJ40455-BLK1)	Blank								Prepared & Analyzed: 10/07/2024			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Reference (BJ40455-SRM1)	Reference								Prepared & Analyzed: 10/07/2024			
Chromium, Hexavalent		241		mg/L	227		106	42.3-157.7				
Batch BJ40481 - Analysis Preparation Soil												
Blank (BJ40481-BLK1)	Blank								Prepared & Analyzed: 10/08/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BJ40481-SRM1)	Reference								Prepared & Analyzed: 10/08/2024			
Cyanide, total		54.6		ug/mL	59.7		91.5	38.5-161.4				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40404 - % Solids Prep											
Duplicate (BJ40404-DUP2) Duplicate	*Source sample: 24J0369-02 (PE54_18)								Prepared & Analyzed: 10/07/2024		
% Solids	89.8	0.100	%		90.3				0.501	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J0369-01	PE46_17.5	40mL Vial with Stir Bar-Cool 4° C
24J0369-02	PE54_18	40mL Vial with Stir Bar-Cool 4° C
24J0369-03	PE63_17	40mL Vial with Stir Bar-Cool 4° C
24J0369-04	PE71_17	40mL Vial with Stir Bar-Cool 4° C
24J0369-05	FB_10042024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24J0369-07	TB_10042024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24J0364

Page 1 of 1

Report To:
Company: LANGAN
Address: 300 Kimball Dr Parsippany, NJ 07054
Phone.: 973-560-4900
Contact: Lauren Kotth
E-mail: lkotth@langan.com

Invoice To:
Company:
Address:
Phone.:
Contact:
E-mail:
SAME

YOUR Project Name / Number: 100688801 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Turn-Around Time: RUSH - Next Day [ ]; RUSH - Two Day [ ]; RUSH - Three Day [ ]; RUSH - Four Day [ ]; RUSH - Five Day [ ]; Standard (6-9 Day) [X]; PFAS Standard 7-10 Day [ ]

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp. G/C
PE46-17.5	10/4	1200	S	3									1	X	X	X	X	X	X	X	X	X	
PE54-18		1205		3									1										
PE63-17		1210		3									1										
PE71-17		1215		3									1										
FB-10042024		1400	AQ	10	3		1		1														
EB-10042024		1430	AQ	2																	X		
TB-10042024					2									X									

Field Filtered [ ]
Lab Filtered [ ]

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Daniel Horvath / LANGAN	10/4/24 1405	[illegible]	10/4/24 14:06	[illegible]	10/4/24 16:43
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
YZ	10/4/24 16:43 3.9	YZ	10/4/24 1900	Ramon Duran	10/4/24 1900
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
Ramon Duran	10/4/24	2005		[illegible]	10/4/24 20:05 3.6°C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/15/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0441

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 10/15/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0441

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 07, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J0441-01	PE37_19.5	Soil	10/07/2024	10/07/2024
24J0441-02	EB_10072024	Water	10/07/2024	10/07/2024
24J0441-03	TB_10072024	Water	10/07/2024	10/07/2024

General Notes for York Project (SDG) No.: 24J0441

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 10/15/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	CCVE	mg/kg dry	0.052	0.10	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0046**	J	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.034**	CCVE, ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0052	0.010	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0087**	J	mg/kg dry	0.0052	0.010	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C	10/08/2024 11:00	10/08/2024 15:48	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0894	0.179	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0894	0.179	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	10/11/2024 08:00	10/11/2024 23:07	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*64.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*101 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.5 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	10/08/2024 09:20	10/11/2024 14:03	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0564	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.426	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.633	0.809	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.804	0.818	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.852	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.379	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.426	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0660	0.426	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.426	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.633	0.798	1	EPA 1633 Draft 3	10/11/2024 09:14	10/15/2024 03:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.647	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/11/2024 09:14	10/15/2024 03:31	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.331	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/11/2024 09:14	10/15/2024 03:31	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/11/2024 09:14	10/15/2024 03:31	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/11/2024 09:14	10/15/2024 03:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/11/2024 09:14	10/15/2024 03:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/11/2024 09:14	10/15/2024 03:31	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.675	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/11/2024 09:14	10/15/2024 03:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.23	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/11/2024 09:14	10/15/2024 03:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/11/2024 09:14	10/15/2024 03:31	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.650	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/11/2024 09:14	10/15/2024 03:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/11/2024 09:14	10/15/2024 03:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.742	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/11/2024 09:14	10/15/2024 03:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/11/2024 09:14	10/15/2024 03:31	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*115 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*118 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*131 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*118 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*89.2 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*112 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*116 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*68.7 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*90.4 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*99.3 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*75.6 %*	*25-200*

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*141 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*30.2 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*56.0 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*49.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*128 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*45.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*54.2 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.177	5	EPA 8081B	10/10/2024 08:48	10/10/2024 19:27	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	10/10/2024 08:48	10/10/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	10/10/2024 08:48	10/10/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	10/10/2024 08:48	10/10/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	10/10/2024 08:48	10/10/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	10/10/2024 08:48	10/10/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	10/10/2024 08:48	10/10/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	10/10/2024 08:48	10/10/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	10/10/2024 08:48	10/10/2024 21:58	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	10/09/2024 09:02	10/10/2024 14:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	10/09/2024 09:02	10/10/2024 14:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	10/09/2024 09:02	10/10/2024 14:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*91.6 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5970**		mg/kg dry	4.50	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.25	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.35	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**30.0**		mg/kg dry	2.25	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.045	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.270	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**868**		mg/kg dry	4.50	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.2**		mg/kg dry	0.450	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.93**	M-CCV 1	mg/kg dry	0.359	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.34**		mg/kg dry	1.80	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8500**		mg/kg dry	22.5	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**6.05**	M-CCV 1	mg/kg dry	0.450	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1800**		mg/kg dry	4.50	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**51.7**		mg/kg dry	0.450	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.3**		mg/kg dry	0.896	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**555**		mg/kg dry	4.50	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.453	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**76.2**		mg/kg dry	45.0	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.4**		mg/kg dry	0.896	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.3**		mg/kg dry	2.24	1	EPA 6010D	10/09/2024 14:46	10/12/2024 20:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0324	1	EPA 7473	10/09/2024 12:56	10/10/2024 16:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.540	1	EPA 7196A	10/08/2024 09:31	10/08/2024 16:19	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.2**		mg/kg	0.500	1	Calculation	10/11/2024 16:18	10/11/2024 16:26	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.540	1	EPA 9014/9010C	10/08/2024 14:28	10/08/2024 20:13	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE37_19.5 **York Sample ID:** 24J0441-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Soil	October 7, 2024 2:50 pm	10/07/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.6**		%	0.100	1	SM 2540G	10/09/2024 07:14	10/09/2024 11:29	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: EB_10072024 **York Sample ID:** 24J0441-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Water	October 7, 2024 2:35 pm	10/07/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.461	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.343	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.696	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.667	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.412	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.804	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.510	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.735	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.11	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.863	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.725	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.676	1.96	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.775	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.01	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.225	3.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.863	1.96	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.892	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.29	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.04	7.45	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.01	7.53	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.324	7.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM

Sample Information

Client Sample ID: EB_10072024 **York Sample ID:** 24J0441-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Water	October 7, 2024 2:35 pm	10/07/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.490	3.49	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/12/2024 11:49	10/14/2024 20:00	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.10	3.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/12/2024 11:49	10/14/2024 20:00	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.245	3.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/12/2024 11:49	10/14/2024 20:00	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.363	3.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/12/2024 11:49	10/14/2024 20:00	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.745	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.75	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.17	7.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.35	7.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.686	7.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
919005-14-4	ADONA	ND		ng/L	0.520	7.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.912	1.90	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:00	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.843	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:00	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.99	4.90	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:00	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.19	24.5	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:00	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.28	24.5	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:00	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.91	19.6	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:00	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.55	1.96	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:00	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.91	19.6	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:00	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.76	1.96	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:00	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*132 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*146 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*153 %*	PFSu-H	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*160 %*	PFSu-H	*25-150*

Sample Information

Client Sample ID: EB_10072024 **York Sample ID:** 24J0441-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Water	October 7, 2024 2:35 pm	10/07/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*170 %*	PFSu-H		*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*165 %*	PFSu-H		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*159 %*	PFSu-H		*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*125 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*82.6 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.43 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*147 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*58.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*120 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*120 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*133 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*85.9 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*161 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*139 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*41.0 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*112 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*93.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*179 %*	PFSu-H		*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*73.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*89.9 %*			*25-150*						

Sample Information

Client Sample ID: TB_10072024 **York Sample ID:** 24J0441-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Water	October 7, 2024 2:35 pm	10/07/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10072024 **York Sample ID:** 24J0441-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Water	October 7, 2024 2:35 pm	10/07/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.365	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**0.860**		ug/L	0.422	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10072024 **York Sample ID:** 24J0441-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Water	October 7, 2024 2:35 pm	10/07/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10072024 **York Sample ID:** 24J0441-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0441	100688801	Water	October 7, 2024 2:35 pm	10/07/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/09/2024 11:00	10/09/2024 16:26	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.0 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*	*70-130*

Analytical Batch Summary

Batch ID: BJ40506 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-01	PE37_19.5	10/08/24
BJ40506-BLK1	Blank	10/08/24
BJ40506-BS1	LCS	10/08/24

Batch ID: BJ40509 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-01	PE37_19.5	10/08/24
BJ40509-BLK1	Blank	10/08/24
BJ40509-SRM1	Reference	10/08/24

Batch ID: BJ40524 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-01	PE37_19.5	10/08/24
BJ40524-BLK1	Blank	10/08/24
BJ40524-SRM1	Reference	10/08/24

Batch ID: BJ40550 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-01	PE37_19.5	10/09/24
BJ40550-DUP1	Duplicate	10/09/24

Batch ID: BJ40580 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-01	PE37_19.5	10/09/24
BJ40580-BLK1	Blank	10/09/24
BJ40580-BS1	LCS	10/09/24

Batch ID: BJ40601 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-01	PE37_19.5	10/09/24
BJ40601-BLK1	Blank	10/09/24
BJ40601-SRM1	Reference	10/09/24

Batch ID: BJ40607 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date

24J0441-01	PE37_19.5	10/09/24
BJ40607-BLK1	Blank	10/09/24
BJ40607-SRM1	Reference	10/09/24

Batch ID: BJ40623 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-01	PE37_19.5	10/08/24
BJ40623-BLK1	Blank	10/08/24
BJ40623-BS1	LCS	10/08/24
BJ40623-BSD1	LCS Dup	10/08/24

Batch ID: BJ40663 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-01	PE37_19.5	10/10/24
24J0441-01	PE37_19.5	10/10/24
BJ40663-BLK1	Blank	10/10/24
BJ40663-BLK2	Blank	10/10/24
BJ40663-BS1	LCS	10/10/24
BJ40663-BS2	LCS	10/10/24

Batch ID: BJ40664 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-01	PE37_19.5	10/11/24
BJ40664-BLK1	Blank	10/11/24
BJ40664-BS1	LCS	10/11/24

Batch ID: BJ40712 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-03	TB_10072024	10/09/24
BJ40712-BLK1	Blank	10/09/24
BJ40712-BS1	LCS	10/09/24
BJ40712-BSD1	LCS Dup	10/09/24

Batch ID: BJ40754 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-01	PE37_19.5	10/11/24
BJ40754-BLK1	Blank	10/11/24
BJ40754-BS1	LCS	10/11/24
BJ40754-BS2	LCS	10/11/24

Batch ID: BJ40788 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-01	PE37_19.5	10/11/24

Batch ID: BJ40813 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24J0441-02	EB_10072024	10/12/24
BJ40813-BLK1	Blank	10/12/24
BJ40813-BS1	LCS	10/12/24
BJ40813-BS2	LCS	10/12/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40623 - EPA 5035A											
Blank (BJ40623-BLK1) Blank									Prepared & Analyzed: 10/08/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40623 - EPA 5035A											
Blank (BJ40623-BLK1) Blank								Prepared & Analyzed: 10/08/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.8*		*"*	*50.0*		*93.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.0*		*"*	*50.0*		*104*	*76-130*				
LCS (BJ40623-BS1) LCS								Prepared & Analyzed: 10/08/2024			
1,1,1,2-Tetrachloroethane	48.6		ug/L	50.0		97.2	75-129			30	
1,1,1-Trichloroethane	53.0		"	50.0		106	70-130			30	
1,1,2,2-Tetrachloroethane	46.2		"	50.0		92.4	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.8		"	50.0		108	70-130			30	
1,1,2-Trichloroethane	46.5		"	50.0		93.0	70-130			30	
1,1-Dichloroethane	53.0		"	50.0		106	70-130			30	
1,1-Dichloroethylene	57.3		"	50.0		115	70-130			30	
1,1-Dichloropropylene	53.5		"	50.0		107	77-127			30	
1,2,3-Trichlorobenzene	47.1		"	50.0		94.2	70-130			30	
1,2,3-Trichloropropane	43.8		"	50.0		87.5	81-126			30	
1,2,4-Trichlorobenzene	48.1		"	50.0		96.1	70-130			30	
1,2,4-Trimethylbenzene	46.9		"	50.0		93.8	84-125			30	
1,2-Dibromo-3-chloropropane	47.2		"	50.0		94.4	40-160			30	
1,2-Dibromoethane	46.4		"	50.0		92.7	70-130			30	
1,2-Dichlorobenzene	45.3		"	50.0		90.7	70-130			30	
1,2-Dichloroethane	54.2		"	50.0		108	70-130			30	
1,2-Dichloropropane	47.9		"	50.0		95.7	70-130			30	
1,3,5-Trimethylbenzene	46.6		"	50.0		93.2	82-126			30	
1,3-Dichlorobenzene	45.6		"	50.0		91.2	70-130			30	
1,3-Dichloropropane	47.9		"	50.0		95.9	83-123			30	
1,4-Dichlorobenzene	44.6		"	50.0		89.2	70-130			30	
1,4-Dioxane	639		"	1050		60.8	40-160			30	
2,2-Dichloropropane	65.8		"	50.0		132	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40623 - EPA 5035A											
LCS (BJ40623-BS1) LCS								Prepared & Analyzed: 10/08/2024			
2-Butanone	46.7		ug/L	50.0		93.5	40-160			30	
2-Chlorotoluene	45.6		"	50.0		91.1	78-127			30	
2-Hexanone	45.8		"	50.0		91.7	40-160			30	
4-Chlorotoluene	46.2		"	50.0		92.4	79-125			30	
4-Methyl-2-pentanone	34.5		"	50.0		69.0	40-160			30	
Acetone	28.0		"	50.0		56.1	40-160			30	
Acrolein	3.96		"	50.0		7.92	10-238	Low Bias		30	
Acrylonitrile	51.8		"	50.0		104	66-141			30	
Benzene	53.7		"	50.0		107	70-130			30	
Bromobenzene	46.8		"	50.0		93.7	77-129			30	
Bromochloromethane	55.0		"	50.0		110	70-130			30	
Bromodichloromethane	48.5		"	50.0		97.0	70-130			30	
Bromoform	48.6		"	50.0		97.1	70-130			30	
Bromomethane	54.7		"	50.0		109	40-160			30	
Carbon disulfide	55.8		"	50.0		112	40-160			30	
Carbon tetrachloride	54.3		"	50.0		109	70-130			30	
Chlorobenzene	45.8		"	50.0		91.6	70-130			30	
Chloroethane	48.6		"	50.0		97.3	51-142			30	
Chloroform	51.6		"	50.0		103	70-130			30	
Chloromethane	49.7		"	50.0		99.5	49-132			30	
cis-1,2-Dichloroethylene	55.1		"	50.0		110	70-130			30	
cis-1,3-Dichloropropylene	50.4		"	50.0		101	70-130			30	
Cyclohexane	55.1		"	50.0		110	70-130			30	
Dibromochloromethane	49.0		"	50.0		98.0	70-130			30	
Dibromomethane	45.8		"	50.0		91.6	83-124			30	
Dichlorodifluoromethane	52.5		"	50.0		105	40-160			30	
Ethyl Benzene	48.1		"	50.0		96.1	70-130			30	
Hexachlorobutadiene	50.5		"	50.0		101	83-133			30	
Isopropylbenzene	46.1		"	50.0		92.1	70-130			30	
Methyl acetate	47.0		"	50.0		94.1	70-130			30	
Methyl tert-butyl ether (MTBE)	58.3		"	50.0		117	70-130			30	
Methylcyclohexane	45.2		"	50.0		90.4	70-130			30	
Methylene chloride	52.9		"	50.0		106	70-130			30	
n-Butylbenzene	48.5		"	50.0		97.0	80-130			30	
n-Propylbenzene	46.7		"	50.0		93.4	74-136			30	
o-Xylene	48.4		"	50.0		96.8	70-130			30	
p- & m- Xylenes	95.4		"	100		95.4	70-130			30	
p-Isopropyltoluene	47.9		"	50.0		95.9	85-125			30	
sec-Butylbenzene	47.6		"	50.0		95.3	83-125			30	
Styrene	48.8		"	50.0		97.7	70-130			30	
tert-Butyl alcohol (TBA)	273		"	250		109	70-130			30	
tert-Butylbenzene	40.4		"	50.0		80.7	80-127			30	
Tetrachloroethylene	41.6		"	50.0		83.3	70-130			30	
Toluene	46.8		"	50.0		93.6	70-130			30	
trans-1,2-Dichloroethylene	53.7		"	50.0		107	70-130			30	
trans-1,3-Dichloropropylene	54.0		"	50.0		108	70-130			30	
Trichloroethylene	47.2		"	50.0		94.3	70-130			30	
Trichlorofluoromethane	49.2		"	50.0		98.5	40-160			30	
Vinyl Chloride	52.2		"	50.0		104	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.5*		*"*	*50.0*		*92.9*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40623 - EPA 5035A											
LCS (BJ40623-BS1) LCS								Prepared & Analyzed: 10/08/2024			
Surrogate: SURR: p-Bromofluorobenzene	*51.0*		*ug/L*	*50.0*		*102*	*76-130*				
LCS Dup (BJ40623-BSD1) LCS Dup								Prepared & Analyzed: 10/08/2024			
1,1,1,2-Tetrachloroethane	46.3		ug/L	50.0		92.6	75-129		4.89	30	
1,1,1-Trichloroethane	51.1		"	50.0		102	70-130		3.63	30	
1,1,2,2-Tetrachloroethane	45.1		"	50.0		90.2	70-130		2.41	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.9		"	50.0		104	70-130		3.75	30	
1,1,2-Trichloroethane	45.1		"	50.0		90.2	70-130		3.04	30	
1,1-Dichloroethane	51.0		"	50.0		102	70-130		3.94	30	
1,1-Dichloroethylene	54.6		"	50.0		109	70-130		4.83	30	
1,1-Dichloropropylene	52.0		"	50.0		104	77-127		2.94	30	
1,2,3-Trichlorobenzene	46.5		"	50.0		92.9	70-130		1.37	30	
1,2,3-Trichloropropane	43.0		"	50.0		86.0	81-126		1.78	30	
1,2,4-Trichlorobenzene	49.3		"	50.0		98.6	70-130		2.51	30	
1,2,4-Trimethylbenzene	47.0		"	50.0		94.0	84-125		0.256	30	
1,2-Dibromo-3-chloropropane	48.2		"	50.0		96.4	40-160		2.10	30	
1,2-Dibromoethane	45.6		"	50.0		91.2	70-130		1.61	30	
1,2-Dichlorobenzene	43.8		"	50.0		87.7	70-130		3.32	30	
1,2-Dichloroethane	51.4		"	50.0		103	70-130		5.30	30	
1,2-Dichloropropane	47.0		"	50.0		94.0	70-130		1.86	30	
1,3,5-Trimethylbenzene	45.9		"	50.0		91.8	82-126		1.49	30	
1,3-Dichlorobenzene	44.8		"	50.0		89.7	70-130		1.61	30	
1,3-Dichloropropane	46.8		"	50.0		93.6	83-123		2.36	30	
1,4-Dichlorobenzene	44.4		"	50.0		88.8	70-130		0.382	30	
1,4-Dioxane	764		"	1050		72.8	40-160		17.9	30	
2,2-Dichloropropane	63.7		"	50.0		127	67-136		3.18	30	
2-Butanone	48.3		"	50.0		96.6	40-160		3.28	30	
2-Chlorotoluene	45.1		"	50.0		90.2	78-127		1.02	30	
2-Hexanone	47.4		"	50.0		94.7	40-160		3.26	30	
4-Chlorotoluene	45.4		"	50.0		90.9	79-125		1.64	30	
4-Methyl-2-pentanone	35.9		"	50.0		71.7	40-160		3.84	30	
Acetone	31.1		"	50.0		62.2	40-160		10.4	30	
Acrolein	3.87		"	50.0		7.74	10-238	Low Bias	2.30	30	
Acrylonitrile	53.0		"	50.0		106	66-141		2.35	30	
Benzene	51.4		"	50.0		103	70-130		4.32	30	
Bromobenzene	46.0		"	50.0		92.0	77-129		1.79	30	
Bromochloromethane	52.2		"	50.0		104	70-130		5.21	30	
Bromodichloromethane	47.5		"	50.0		95.1	70-130		2.00	30	
Bromoform	48.2		"	50.0		96.5	70-130		0.682	30	
Bromomethane	49.3		"	50.0		98.6	40-160		10.5	30	
Carbon disulfide	54.2		"	50.0		108	40-160		2.93	30	
Carbon tetrachloride	53.1		"	50.0		106	70-130		2.12	30	
Chlorobenzene	44.7		"	50.0		89.4	70-130		2.47	30	
Chloroethane	48.0		"	50.0		95.9	51-142		1.41	30	
Chloroform	50.3		"	50.0		101	70-130		2.71	30	
Chloromethane	49.3		"	50.0		98.6	49-132		0.889	30	
cis-1,2-Dichloroethylene	52.7		"	50.0		105	70-130		4.38	30	
cis-1,3-Dichloropropylene	48.5		"	50.0		97.0	70-130		3.80	30	
Cyclohexane	51.9		"	50.0		104	70-130		6.06	30	
Dibromochloromethane	46.5		"	50.0		92.9	70-130		5.32	30	
Dibromomethane	44.5		"	50.0		89.0	83-124		2.90	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40623 - EPA 5035A											
LCS Dup (BJ40623-BSD1) LCS Dup								Prepared & Analyzed: 10/08/2024			
Dichlorodifluoromethane	49.0		ug/L	50.0		97.9	40-160		7.02	30	
Ethyl Benzene	47.7		"	50.0		95.4	70-130		0.794	30	
Hexachlorobutadiene	44.4		"	50.0		88.8	83-133		12.9	30	
Isopropylbenzene	46.0		"	50.0		92.1	70-130		0.0434	30	
Methyl acetate	47.9		"	50.0		95.8	70-130		1.83	30	
Methyl tert-butyl ether (MTBE)	55.8		"	50.0		112	70-130		4.38	30	
Methylcyclohexane	44.1		"	50.0		88.2	70-130		2.49	30	
Methylene chloride	50.3		"	50.0		101	70-130		5.10	30	
n-Butylbenzene	46.8		"	50.0		93.5	80-130		3.63	30	
n-Propylbenzene	46.2		"	50.0		92.4	74-136		1.12	30	
o-Xylene	46.9		"	50.0		93.7	70-130		3.25	30	
p- & m- Xylenes	92.8		"	100		92.8	70-130		2.82	30	
p-Isopropyltoluene	48.3		"	50.0		96.7	85-125		0.810	30	
sec-Butylbenzene	46.4		"	50.0		92.9	83-125		2.57	30	
Styrene	48.0		"	50.0		96.0	70-130		1.67	30	
tert-Butyl alcohol (TBA)	300		"	250		120	70-130		9.50	30	
tert-Butylbenzene	39.9		"	50.0		79.8	80-127	Low Bias	1.22	30	
Tetrachloroethylene	41.1		"	50.0		82.2	70-130		1.31	30	
Toluene	45.5		"	50.0		90.9	70-130		2.88	30	
trans-1,2-Dichloroethylene	52.6		"	50.0		105	70-130		1.92	30	
trans-1,3-Dichloropropylene	51.7		"	50.0		103	70-130		4.41	30	
Trichloroethylene	46.3		"	50.0		92.6	70-130		1.90	30	
Trichlorofluoromethane	48.6		"	50.0		97.2	40-160		1.27	30	
Vinyl Chloride	50.0		"	50.0		100	70-130		4.36	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.1*		*"*	*50.0*		*92.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40712 - EPA 5030B											
Blank (BJ40712-BLK1) Blank									Prepared & Analyzed: 10/09/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40712 - EPA 5030B											
Blank (BJ40712-BLK1) Blank								Prepared & Analyzed: 10/09/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.46*		*"*	*10.0*		*94.6*	*70-130*				
LCS (BJ40712-BS1) LCS								Prepared & Analyzed: 10/09/2024			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126			30	
1,1,1-Trichloroethane	11.1		"	10.0		111	70-130			20	
1,1,2,2-Tetrachloroethane	9.20		"	10.0		92.0	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	70-130			20	
1,1,2-Trichloroethane	8.80		"	10.0		88.0	70-130			20	
1,1-Dichloroethane	11.1		"	10.0		111	70-130			20	
1,1-Dichloroethylene	12.2		"	10.0		122	70-130			20	
1,1-Dichloropropylene	11.5		"	10.0		115	83-133			30	
1,2,3-Trichlorobenzene	6.96		"	10.0		69.6	70-130	Low Bias		20	
1,2,3-Trichloropropane	9.26		"	10.0		92.6	77-128			30	
1,2,4-Trichlorobenzene	7.65		"	10.0		76.5	70-130			20	
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132			20	
1,2-Dibromo-3-chloropropane	8.72		"	10.0		87.2	40-160			20	
1,2-Dibromoethane	8.64		"	10.0		86.4	70-130			20	
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130			20	
1,2-Dichloroethane	9.52		"	10.0		95.2	70-130			20	
1,2-Dichloropropane	11.1		"	10.0		111	70-130			20	
1,3,5-Trimethylbenzene	12.4		"	10.0		124	80-131			30	
1,3-Dichlorobenzene	10.7		"	10.0		107	70-130			20	
1,3-Dichloropropane	9.16		"	10.0		91.6	81-125			30	
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130			20	
1,4-Dioxane	140		"	210		66.5	40-160			20	
2,2-Dichloropropane	11.8		"	10.0		118	56-150			30	
2-Butanone	9.00		"	10.0		90.0	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40712 - EPA 5030B											
LCS (BJ40712-BS1) LCS								Prepared & Analyzed: 10/09/2024			
2-Chlorotoluene	12.1		ug/L	10.0		121	79-130			30	
2-Hexanone	7.00		"	10.0		70.0	40-160			20	
4-Chlorotoluene	12.0		"	10.0		120	79-128			30	
4-Methyl-2-pentanone	6.38		"	10.0		63.8	40-160			20	
Acetone	8.09		"	10.0		80.9	40-160			20	
Acrolein	1.12		"	10.0		11.2	10-153			30	
Acrylonitrile	8.07		"	10.0		80.7	51-150			30	
Benzene	11.4		"	10.0		114	70-130			20	
Bromobenzene	11.0		"	10.0		110	78-129			30	
Bromochloromethane	9.82		"	10.0		98.2	70-130			20	
Bromodichloromethane	10.1		"	10.0		101	70-130			20	
Bromoform	6.04		"	10.0		60.4	70-130	Low Bias		20	
Bromomethane	11.4		"	10.0		114	40-160			20	
Carbon disulfide	12.6		"	10.0		126	40-160			20	
Carbon tetrachloride	11.4		"	10.0		114	70-130			20	
Chlorobenzene	10.5		"	10.0		105	70-130			20	
Chloroethane	11.4		"	10.0		114	40-160			20	
Chloroform	10.6		"	10.0		106	70-130			20	
Chloromethane	11.4		"	10.0		114	40-160			20	
cis-1,2-Dichloroethylene	11.2		"	10.0		112	70-130			20	
cis-1,3-Dichloropropylene	9.80		"	10.0		98.0	70-130			20	
Cyclohexane	5.57		"	10.0		55.7	70-130	Low Bias		20	
Dibromochloromethane	7.51		"	10.0		75.1	70-130			20	
Dibromomethane	8.96		"	10.0		89.6	72-134			30	
Dichlorodifluoromethane	10.7		"	10.0		107	40-160			20	
Ethyl Benzene	12.0		"	10.0		120	70-130			20	
Hexachlorobutadiene	7.48		"	10.0		74.8	67-146			30	
Isopropylbenzene	13.0		"	10.0		130	70-130			20	
Methyl acetate	7.84		"	10.0		78.4	70-130			20	
Methyl tert-butyl ether (MTBE)	7.80		"	10.0		78.0	70-130			20	
Methylcyclohexane	10.8		"	10.0		108	70-130			20	
Methylene chloride	10.7		"	10.0		107	70-130			20	
n-Butylbenzene	11.3		"	10.0		113	79-132			30	
n-Propylbenzene	12.9		"	10.0		129	78-133			30	
o-Xylene	11.0		"	10.0		110	70-130			20	
p- & m- Xylenes	23.5		"	20.0		118	70-130			20	
p-Isopropyltoluene	12.2		"	10.0		122	81-136			30	
sec-Butylbenzene	12.0		"	10.0		120	79-137			30	
Styrene	11.0		"	10.0		110	70-130			20	
tert-Butyl alcohol (TBA)	22.3		"	50.0		44.6	25-162			30	
tert-Butylbenzene	10.8		"	10.0		108	77-138			30	
Tetrachloroethylene	10.8		"	10.0		108	70-130			20	
Toluene	11.6		"	10.0		116	70-130			20	
trans-1,2-Dichloroethylene	11.5		"	10.0		115	70-130			20	
trans-1,3-Dichloropropylene	9.16		"	10.0		91.6	70-130			20	
Trichloroethylene	11.3		"	10.0		113	70-130			20	
Trichlorofluoromethane	11.8		"	10.0		118	40-160			20	
Vinyl Chloride	11.4		"	10.0		114	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*7.91*		*"*	*10.0*		*79.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40712 - EPA 5030B											
LCS (BJ40712-BS1) LCS								Prepared & Analyzed: 10/09/2024			
LCS Dup (BJ40712-BSD1) LCS Dup								Prepared & Analyzed: 10/09/2024			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		0.192	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	70-130		6.03	20	
1,1,2,2-Tetrachloroethane	9.90		"	10.0		99.0	70-130		7.33	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	70-130		6.79	20	
1,1,2-Trichloroethane	9.85		"	10.0		98.5	70-130		11.3	20	
1,1-Dichloroethane	10.8		"	10.0		108	70-130		3.01	20	
1,1-Dichloroethylene	11.4		"	10.0		114	70-130		7.46	20	
1,1-Dichloropropylene	10.8		"	10.0		108	83-133		5.91	30	
1,2,3-Trichlorobenzene	7.87		"	10.0		78.7	70-130		12.3	20	
1,2,3-Trichloropropane	9.72		"	10.0		97.2	77-128		4.85	30	
1,2,4-Trichlorobenzene	8.16		"	10.0		81.6	70-130		6.45	20	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		14.9	20	
1,2-Dibromo-3-chloropropane	9.10		"	10.0		91.0	40-160		4.26	20	
1,2-Dibromoethane	9.63		"	10.0		96.3	70-130		10.8	20	
1,2-Dichlorobenzene	9.63		"	10.0		96.3	70-130		4.76	20	
1,2-Dichloroethane	10.7		"	10.0		107	70-130		11.9	20	
1,2-Dichloropropane	10.7		"	10.0		107	70-130		3.68	20	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		18.5	30	
1,3-Dichlorobenzene	9.64		"	10.0		96.4	70-130		10.2	20	
1,3-Dichloropropane	10.0		"	10.0		100	81-125		9.17	30	
1,4-Dichlorobenzene	9.34		"	10.0		93.4	70-130		8.41	20	
1,4-Dioxane	201		"	210		95.7	40-160		36.1	20	Non-dir.
2,2-Dichloropropane	11.1		"	10.0		111	56-150		5.85	30	
2-Butanone	11.2		"	10.0		112	40-160		21.6	20	Non-dir.
2-Chlorotoluene	10.1		"	10.0		101	79-130		17.7	30	
2-Hexanone	9.49		"	10.0		94.9	40-160		30.2	20	Non-dir.
4-Chlorotoluene	10.4		"	10.0		104	79-128		15.0	30	
4-Methyl-2-pentanone	8.55		"	10.0		85.5	40-160		29.1	20	Non-dir.
Acetone	11.3		"	10.0		113	40-160		33.2	20	Non-dir.
Acrolein	1.17		"	10.0		11.7	10-153		4.37	30	
Acrylonitrile	10.6		"	10.0		106	51-150		27.2	30	
Benzene	11.1		"	10.0		111	70-130		2.04	20	
Bromobenzene	9.96		"	10.0		99.6	78-129		9.47	30	
Bromochloromethane	11.0		"	10.0		110	70-130		11.6	20	
Bromodichloromethane	10.2		"	10.0		102	70-130		0.984	20	
Bromoform	7.40		"	10.0		74.0	70-130		20.2	20	Non-dir.
Bromomethane	10.4		"	10.0		104	40-160		8.52	20	
Carbon disulfide	11.6		"	10.0		116	40-160		7.84	20	
Carbon tetrachloride	10.7		"	10.0		107	70-130		6.31	20	
Chlorobenzene	9.89		"	10.0		98.9	70-130		5.70	20	
Chloroethane	10.4		"	10.0		104	40-160		9.92	20	
Chloroform	10.7		"	10.0		107	70-130		0.844	20	
Chloromethane	10.2		"	10.0		102	40-160		11.4	20	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130		1.17	20	
cis-1,3-Dichloropropylene	9.99		"	10.0		99.9	70-130		1.92	20	
Cyclohexane	5.30		"	10.0		53.0	70-130	Low Bias	4.97	20	
Dibromochloromethane	8.44		"	10.0		84.4	70-130		11.7	20	
Dibromomethane	9.63		"	10.0		96.3	72-134		7.21	30	
Dichlorodifluoromethane	9.81		"	10.0		98.1	40-160		8.49	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40712 - EPA 5030B											
LCS Dup (BJ40712-BSD1) LCS Dup								Prepared & Analyzed: 10/09/2024			
Ethyl Benzene	11.0		ug/L	10.0		110	70-130		9.13	20	
Hexachlorobutadiene	7.38		"	10.0		73.8	67-146		1.35	30	
Isopropylbenzene	10.4		"	10.0		104	70-130		22.2	20	Non-dir.
Methyl acetate	10.0		"	10.0		100	70-130		24.4	20	Non-dir.
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	70-130		28.8	20	Non-dir.
Methylcyclohexane	9.48		"	10.0		94.8	70-130		13.1	20	
Methylene chloride	11.0		"	10.0		110	70-130		2.94	20	
n-Butylbenzene	9.94		"	10.0		99.4	79-132		12.9	30	
n-Propylbenzene	10.5		"	10.0		105	78-133		20.5	30	
o-Xylene	10.5		"	10.0		105	70-130		4.29	20	
p- & m- Xylenes	21.4		"	20.0		107	70-130		9.25	20	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		17.7	30	
sec-Butylbenzene	9.96		"	10.0		99.6	79-137		18.9	30	
Styrene	10.9		"	10.0		109	70-130		1.00	20	
tert-Butyl alcohol (TBA)	38.2		"	50.0		76.4	25-162		52.5	30	Non-dir.
tert-Butylbenzene	8.94		"	10.0		89.4	77-138		18.8	30	
Tetrachloroethylene	9.46		"	10.0		94.6	70-130		13.1	20	
Toluene	10.4		"	10.0		104	70-130		10.4	20	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	70-130		3.17	20	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	70-130		10.3	20	
Trichloroethylene	9.87		"	10.0		98.7	70-130		13.8	20	
Trichlorofluoromethane	10.8		"	10.0		108	40-160		8.79	20	
Vinyl Chloride	10.3		"	10.0		103	70-130		10.0	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.65*		*"*	*10.0*		*96.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.69*		*"*	*10.0*		*96.9*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40664 - EPA 3550C											
Blank (BJ40664-BLK1) Blank									Prepared & Analyzed: 10/11/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40664 - EPA 3550C											
Blank (BJ40664-BLK1) Blank									Prepared & Analyzed: 10/11/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.55*		"	*1.66*		*93.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.47*		"	*1.66*		*88.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.842*		"	*0.831*		*101*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.786*		"	*0.831*		*94.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.58*		"	*1.66*		*95.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.879*		"	*0.831*		*106*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40664 - EPA 3550C											
LCS (BJ40664-BS1) LCS							Prepared & Analyzed: 10/11/2024				
1,1-Biphenyl	0.750	0.0416	mg/kg wet	0.831		90.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.759	0.0830	"	0.831		91.4	21-131				
1,2,4-Trichlorobenzene	0.822	0.0416	"	1.25		65.9	10-140				
1,2-Dichlorobenzene	0.733	0.0416	"	1.25		58.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.795	0.0416	"	1.25		63.8	17-137				
1,3-Dichlorobenzene	0.749	0.0416	"	1.25		60.1	33-110				
1,4-Dichlorobenzene	0.750	0.0416	"	1.25		60.2	32-104				
2,3,4,6-Tetrachlorophenol	0.898	0.0830	"	1.25		72.1	30-130				
2,4,5-Trichlorophenol	0.854	0.0416	"	1.25		68.6	27-118				
2,4,6-Trichlorophenol	0.831	0.0416	"	1.25		66.7	31-120				
2,4-Dichlorophenol	0.849	0.0416	"	1.25		68.2	20-127				
2,4-Dimethylphenol	0.907	0.0416	"	1.25		72.8	14-132				
2,4-Dinitrophenol	1.02	0.0830	"	1.25		81.5	10-171				
2,4-Dinitrotoluene	0.811	0.0416	"	1.25		65.1	34-131				
2,6-Dinitrotoluene	0.812	0.0416	"	1.25		65.1	31-128				
2-Chloronaphthalene	0.738	0.0416	"	1.25		59.3	31-117				
2-Chlorophenol	0.823	0.0416	"	1.25		66.1	33-113				
2-Methylnaphthalene	0.687	0.0416	"	1.25		55.1	12-138				
2-Methylphenol	0.809	0.0416	"	1.25		64.9	10-136				
2-Nitroaniline	0.824	0.0830	"	1.25		66.1	27-132				
2-Nitrophenol	0.849	0.0416	"	1.25		68.1	17-129				
3- & 4-Methylphenols	0.729	0.0416	"	1.25		58.5	29-103				
3,3-Dichlorobenzidine	0.688	0.0416	"	0.831		82.8	22-149				
3-Nitroaniline	0.635	0.0830	"	1.25		50.9	20-133				
4,6-Dinitro-2-methylphenol	1.03	0.0830	"	1.25		82.3	10-143				
4-Bromophenyl phenyl ether	0.777	0.0416	"	1.25		62.4	29-120				
4-Chloro-3-methylphenol	0.796	0.0416	"	1.25		63.9	24-129				
4-Chloroaniline	0.471	0.0416	"	1.25		37.8	10-132				
4-Chlorophenyl phenyl ether	0.719	0.0416	"	1.25		57.7	27-124				
4-Nitroaniline	0.734	0.0830	"	1.25		58.9	16-128				
4-Nitrophenol	0.848	0.0830	"	1.25		68.1	10-141				
Acenaphthene	0.739	0.0416	"	1.25		59.3	30-121				
Acenaphthylene	0.797	0.0416	"	1.25		64.0	30-115				
Acetophenone	0.763	0.0416	"	0.831		91.8	20-112				
Aniline	0.822	0.166	"	1.25		66.0	10-119				
Anthracene	0.801	0.0416	"	1.25		64.3	34-118				
Atrazine	0.762	0.0416	"	0.831		91.8	26-112				
Benzaldehyde	0.817	0.0416	"	0.831		98.3	21-100				
Benzo(a)anthracene	0.802	0.0416	"	1.25		64.3	32-122				
Benzo(a)pyrene	0.687	0.0416	"	1.25		55.1	29-133				
Benzo(b)fluoranthene	0.743	0.0416	"	1.25		59.6	25-133				
Benzo(g,h,i)perylene	0.874	0.0416	"	1.25		70.2	10-143				
Benzo(k)fluoranthene	0.756	0.0416	"	1.25		60.7	25-128				
Benzoic acid	0.730	0.0416	"	0.831		87.8	10-140				
Benzyl alcohol	0.800	0.0416	"	1.25		64.2	30-115				
Benzyl butyl phthalate	0.809	0.0416	"	1.25		64.9	26-126				
Bis(2-chloroethoxy)methane	0.805	0.0416	"	1.25		64.6	19-132				
Bis(2-chloroethyl)ether	0.801	0.0416	"	1.25		64.3	19-125				
Bis(2-chloroisopropyl)ether	0.826	0.0416	"	1.25		66.3	20-135				
Bis(2-ethylhexyl)phthalate	0.804	0.0416	"	1.25		64.6	10-155				
Caprolactam	0.853	0.0830	"	0.831		103	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40664 - EPA 3550C											
LCS (BJ40664-BS1) LCS							Prepared & Analyzed: 10/11/2024				
Carbazole	0.752	0.0416	mg/kg wet	1.25		60.4	35-123				
Chrysene	0.804	0.0416	"	1.25		64.5	32-123				
Dibenzo(a,h)anthracene	0.823	0.0416	"	1.25		66.1	10-136				
Dibenzofuran	0.786	0.0416	"	1.25		63.1	29-121				
Diethyl phthalate	0.760	0.0416	"	1.25		61.0	34-116				
Dimethyl phthalate	0.777	0.0416	"	1.25		62.4	35-124				
Di-n-butyl phthalate	0.832	0.0416	"	1.25		66.7	31-116				
Di-n-octyl phthalate	0.795	0.0416	"	1.25		63.8	26-136				
Fluoranthene	0.765	0.0416	"	1.25		61.4	33-122				
Fluorene	0.737	0.0416	"	1.25		59.1	29-123				
Hexachlorobenzene	0.844	0.0416	"	1.25		67.8	21-124				
Hexachlorobutadiene	0.786	0.0416	"	1.25		63.1	10-149				
Hexachlorocyclopentadiene	0.679	0.0416	"	1.25		54.5	10-129				
Hexachloroethane	0.750	0.0416	"	1.25		60.2	28-108				
Indeno(1,2,3-cd)pyrene	0.978	0.0416	"	1.25		78.5	10-135				
Isophorone	0.792	0.0416	"	1.25		63.5	20-132				
Naphthalene	0.780	0.0416	"	1.25		62.6	23-124				
Nitrobenzene	0.794	0.0416	"	1.25		63.7	13-132				
N-Nitrosodimethylamine	0.557	0.0416	"	1.25		44.7	11-129				
N-nitroso-di-n-propylamine	0.763	0.0416	"	1.25		61.2	24-119				
N-Nitrosodiphenylamine	0.841	0.0416	"	1.25		67.5	22-152				
Pentachlorophenol	0.859	0.0416	"	1.25		68.9	10-139				
Phenanthrene	0.781	0.0416	"	1.25		62.7	33-123				
Phenol	0.939	0.0416	"	1.25		75.3	23-115				
Pyrene	0.814	0.0416	"	1.25		65.3	24-130				
Pyridine	0.408	0.166	"	1.25		32.7	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.57*		"	*1.66*		*94.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.63*		"	*1.66*		*98.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.813*		"	*0.831*		*97.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.800*		"	*0.831*		*96.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.69*		"	*1.66*		*102*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.858*		"	*0.831*		*103*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40506 - EPA 3550C											
Blank (BJ40506-BLK1) Blank									Prepared: 10/08/2024 Analyzed: 10/09/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*337*		*"*	*495*		*68.0*	*39-127.5*				
LCS (BJ40506-BS1) LCS									Prepared: 10/08/2024 Analyzed: 10/09/2024		
1,4-Dioxane	494	19.8	ug/kg	495		99.8	40-130				
Surrogate: 1,4-Dioxane-d8	*356*		*"*	*495*		*72.0*	*39-127.5*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40754 - EPA 1633 Prep											
Blank (BJ40754-BLK1) Blank									Prepared: 10/11/2024 Analyzed: 10/14/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.196	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.196	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.196	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.196	"								
Perfluorodecanoic acid (PFDA)	ND	0.196	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.196	"								
Perfluorododecanoic acid (PFDoA)	ND	0.196	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.196	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.196	"								
N-MeFOSAA	ND	0.196	"								
N-EtFOSAA	ND	0.196	"								
Perfluoropentanoic acid (PFPeA)	ND	0.393	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.196	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.196	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.747	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.754	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.786	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.393	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.393	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.393	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.737	"								
HFPO-DA (Gen-X)	ND	0.786	"								
11CL-PF3OUdS	ND	0.743	"								
9CL-PF3ONS	ND	0.735	"								
ADONA	ND	0.743	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.982	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.91	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.91	"								
N-MeFOSE	ND	1.96	"								
N-MeFOSA	ND	0.196	"								
N-EtFOSE	ND	1.96	"								
N-EtFOSA	ND	0.196	"								
Surrogate: M3PFBS	*2.47*		"	*2.29*		*108*	*25-150*				
Surrogate: M5PFHxA	*2.73*		"	*2.46*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.87*		"	*2.46*		*117*	*25-150*				
Surrogate: M3PFHxS	*2.51*		"	*2.33*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.70*		"	*2.46*		*110*	*25-150*				
Surrogate: M6PFDA	*1.46*		"	*1.23*		*119*	*25-150*				
Surrogate: M7PFUdA	*1.43*		"	*1.23*		*117*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.28*		"	*1.23*		*104*	*25-150*				
Surrogate: M2PFTeDA	*0.924*		"	*1.23*		*75.3*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40754 - EPA 1633 Prep											
Blank (BJ40754-BLK1) Blank								Prepared: 10/11/2024 Analyzed: 10/14/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.5*		*ug/kg wet*	*9.82*		*117*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.31*		*"*	*2.35*		*98.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.40*		*"*	*4.91*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.94*		*"*	*2.46*		*79.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.05*		*"*	*4.91*		*82.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.27*		*"*	*4.91*		*87.0*	*25-150*				
Surrogate: M2-6:2 FTS	*2.96*		*"*	*4.67*		*63.3*	*25-200*				
Surrogate: M2-8:2 FTS	*5.24*		*"*	*4.72*		*111*	*25-200*				
Surrogate: M9PFNA	*1.29*		*"*	*1.23*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*1.35*		*"*	*4.61*		*29.2*	*25-150*				
Surrogate: d-N-MeFOSA	*1.50*		*"*	*2.46*		*61.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.32*		*"*	*2.46*		*53.9*	*25-150*				
Surrogate: M3HFPO-DA	*12.5*		*"*	*9.82*		*127*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.4*		*"*	*24.6*		*62.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.2*		*"*	*24.6*		*70.0*	*25-150*				
LCS (BJ40754-BS1) LCS								Prepared: 10/11/2024 Analyzed: 10/14/2024			
Perfluorobutanesulfonic acid (PFBS)	3.38	0.177	ug/kg wet	3.54		95.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.72	0.200	"	4.00		93.1	50-150				
Perfluoroheptanoic acid (PFHpA)	4.32	0.200	"	4.00		108	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.64	0.183	"	3.66		99.3	50-150				
Perfluorooctanoic acid (PFOA)	3.18	0.200	"	4.00		79.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.70	0.186	"	3.72		99.6	50-150				
Perfluorononanoic acid (PFNA)	3.85	0.200	"	4.00		96.3	50-150				
Perfluorodecanoic acid (PFDA)	3.43	0.200	"	4.00		85.8	50-150				
Perfluoroundecanoic acid (PFUnA)	4.46	0.200	"	4.00		111	50-150				
Perfluorododecanoic acid (PFDoA)	3.58	0.200	"	4.00		89.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.90	0.200	"	4.00		97.6	50-150				
Perfluorotetradecanoic acid (PFTA)	3.66	0.200	"	4.00		91.4	50-150				
N-MeFOSAA	3.67	0.200	"	4.00		91.9	50-150				
N-EtFOSAA	4.17	0.200	"	4.00		104	50-150				
Perfluoropentanoic acid (PFPeA)	7.92	0.400	"	8.00		99.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.11	0.200	"	4.00		77.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.86	0.200	"	3.82		101	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.58	0.193	"	3.86		92.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	14.8	0.760	"	15.2		97.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.8	0.768	"	15.4		96.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.1	0.800	"	16.0		94.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.93	0.356	"	7.12		125	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.89	0.400	"	8.00		111	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.65	0.400	"	8.00		20.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.20	0.400	"	8.00		102	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.71	0.188	"	3.76		98.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.8	0.750	"	15.0		98.9	50-150				
HFPO-DA (Gen-X)	8.07	0.800	"	8.00		101	50-150				
11CL-PF3OUdS	6.63	0.756	"	7.56		87.7	50-150				
9CL-PF3ONS	7.33	0.748	"	7.48		98.0	50-150				
ADONA	6.08	0.756	"	7.56		80.5	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40754 - EPA 1633 Prep											
LCS (BJ40754-BS1) LCS									Prepared: 10/11/2024 Analyzed: 10/14/2024		
Perfluorododecanesulfonic acid (PFDoS)	2.72	0.194	ug/kg wet	3.88		70.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.00	0.192	"	3.84		104	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	13.5	1.00	"	16.0		84.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	75.4	5.00	"	80.0		94.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	68.4	5.00	"	80.0		85.5	50-150				
N-MeFOSE	36.1	2.00	"	40.0		90.2	50-150				
N-MeFOSA	4.28	0.200	"	4.00		107	50-150				
N-EtFOSE	43.8	2.00	"	40.0		110	50-150				
N-EtFOSA	3.68	0.200	"	4.00		92.1	50-150				
Surrogate: M3PFBS	*2.71*		"	*2.33*		*116*	*25-150*				
Surrogate: M5PFHxA	*2.96*		"	*2.50*		*119*	*25-150*				
Surrogate: M4PFHpA	*2.78*		"	*2.50*		*111*	*25-150*				
Surrogate: M3PFHxS	*2.81*		"	*2.37*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.34*		"	*2.50*		*133*	*25-150*				
Surrogate: M6PFDA	*1.54*		"	*1.25*		*123*	*25-150*				
Surrogate: M7PFUdA	*1.34*		"	*1.25*		*107*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.21*		"	*1.25*		*96.6*	*25-150*				
Surrogate: M2PFTeDA	*1.15*		"	*1.25*		*92.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.528*		"	*10.0*		*5.28*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.56*		"	*2.40*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.48*		"	*5.00*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.06*		"	*2.50*		*82.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.37*		"	*5.00*		*87.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.37*		"	*5.00*		*87.4*	*25-150*				
Surrogate: M2-6:2 FTS	*4.07*		"	*4.76*		*85.6*	*25-200*				
Surrogate: M2-8:2 FTS	*6.54*		"	*4.80*		*136*	*25-200*				
Surrogate: M9PFNA	*1.46*		"	*1.25*		*117*	*25-150*				
Surrogate: M2-4:2 FTS	*1.87*		"	*4.69*		*39.9*	*25-150*				
Surrogate: d-N-MeFOSA	*1.74*		"	*2.50*		*69.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.61*		"	*2.50*		*64.6*	*25-150*				
Surrogate: M3HFPO-DA	*14.4*		"	*10.0*		*144*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.2*		"	*25.0*		*56.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.1*		"	*25.0*		*72.4*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40754 - EPA 1633 Prep											
LCS (BJ40754-BS2) LCS								Prepared: 10/11/2024 Analyzed: 10/14/2024			
Perfluorobutanesulfonic acid (PFBS)	0.625	0.177	ug/kg wet	0.708		88.2	50-150				
Perfluorohexanoic acid (PFHxA)	0.785	0.200	"	0.800		98.1	50-150				
Perfluoroheptanoic acid (PFHpA)	0.843	0.200	"	0.800		105	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.704	0.183	"	0.732		96.2	50-150				
Perfluorooctanoic acid (PFOA)	0.628	0.200	"	0.800		78.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.839	0.186	"	0.744		113	50-150				
Perfluorononanoic acid (PFNA)	0.769	0.200	"	0.800		96.1	50-150				
Perfluorodecanoic acid (PFDA)	0.646	0.200	"	0.800		80.8	50-150				
Perfluoroundecanoic acid (PFUnA)	0.943	0.200	"	0.800		118	50-150				
Perfluorododecanoic acid (PFDoA)	0.700	0.200	"	0.800		87.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.928	0.200	"	0.800		116	50-150				
Perfluorotetradecanoic acid (PFTA)	0.766	0.200	"	0.800		95.7	50-150				
N-MeFOSAA	0.716	0.200	"	0.800		89.4	50-150				
N-EtFOSAA	0.709	0.200	"	0.800		88.7	50-150				
Perfluoropentanoic acid (PFPeA)	1.45	0.400	"	1.60		90.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.592	0.200	"	0.800		74.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.679	0.200	"	0.764		88.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.638	0.193	"	0.772		82.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.99	0.760	"	3.04		98.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.96	0.768	"	3.07		96.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.55	0.800	"	3.20		79.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.63	0.356	"	1.42		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.861	0.400	"	1.60		53.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.455	0.400	"	1.60		28.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.44	0.400	"	1.60		89.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.648	0.188	"	0.752		86.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.88	0.750	"	3.00		95.9	50-150				
HFPO-DA (Gen-X)	1.59	0.800	"	1.60		99.1	50-150				
11CL-PF3OUdS	1.07	0.756	"	1.51		71.0	50-150				
9CL-PF3ONS	1.26	0.748	"	1.50		84.2	50-150				
ADONA	1.13	0.756	"	1.51		74.8	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.501	0.194	"	0.776		64.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.754	0.192	"	0.768		98.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.59	1.00	"	3.20		80.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	14.3	5.00	"	16.0		89.5	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	12.9	5.00	"	16.0		80.3	50-150				
N-MeFOSE	6.67	2.00	"	8.00		83.4	50-150				
N-MeFOSA	0.815	0.200	"	0.800		102	50-150				
N-EtFOSE	7.72	2.00	"	8.00		96.5	50-150				
N-EtFOSA	0.808	0.200	"	0.800		101	50-150				
Surrogate: M3PFBS	*2.81*		"	*2.33*		*121*	*25-150*				
Surrogate: M5PFHxA	*3.06*		"	*2.50*		*122*	*25-150*				
Surrogate: M4PFHpA	*3.05*		"	*2.50*		*122*	*25-150*				
Surrogate: M3PFHxS	*2.87*		"	*2.37*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.19*		"	*2.50*		*128*	*25-150*				
Surrogate: M6PFDA	*1.26*		"	*1.25*		*101*	*25-150*				
Surrogate: M7PFUdA	*1.07*		"	*1.25*		*85.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.966*		"	*1.25*		*77.3*	*25-150*				
Surrogate: M2PFTeDA	*0.729*		"	*1.25*		*58.3*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40754 - EPA 1633 Prep											
LCS (BJ40754-BS2) LCS									Prepared: 10/11/2024 Analyzed: 10/14/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.836*		*ug/kg wet*	*10.0*		*8.36*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.44*		*"*	*2.40*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.08*		*"*	*5.00*		*122*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.93*		*"*	*2.50*		*77.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.14*		*"*	*5.00*		*82.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.49*		*"*	*5.00*		*89.9*	*25-150*				
Surrogate: M2-6:2 FTS	*3.78*		*"*	*4.76*		*79.5*	*25-200*				
Surrogate: M2-8:2 FTS	*6.37*		*"*	*4.80*		*133*	*25-200*				
Surrogate: M9PFNA	*1.30*		*"*	*1.25*		*104*	*25-150*				
Surrogate: M2-4:2 FTS	*1.76*		*"*	*4.69*		*37.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.73*		*"*	*2.50*		*69.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.30*		*"*	*2.50*		*52.0*	*25-150*				
Surrogate: M3HFPO-DA	*15.4*		*"*	*10.0*		*154*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.8*		*"*	*25.0*		*55.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.2*		*"*	*25.0*		*64.8*	*25-150*				
Batch BJ40813 - EPA 1633 Prep											
Blank (BJ40813-BLK1) Blank									Prepared: 10/12/2024 Analyzed: 10/14/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40813 - EPA 1633 Prep											
Blank (BJ40813-BLK1) Blank									Prepared: 10/12/2024 Analyzed: 10/14/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*36.0*		"	*23.3*		*155*	*25-150*				
Surrogate: M5PFHxA	*36.2*		"	*25.0*		*145*	*25-150*				
Surrogate: M4PFHpA	*32.8*		"	*25.0*		*131*	*25-150*				
Surrogate: M3PFHxS	*33.9*		"	*23.7*		*143*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.2*		"	*25.0*		*133*	*25-150*				
Surrogate: M6PFDA	*19.0*		"	*12.5*		*152*	*25-150*				
Surrogate: M7PFUdA	*16.9*		"	*12.5*		*135*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.7*		"	*12.5*		*102*	*25-150*				
Surrogate: M2PFTeDA	*9.17*		"	*12.5*		*73.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.99*		"	*100*		*2.99*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*32.7*		"	*24.0*		*137*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*35.3*		"	*50.0*		*70.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.0*		"	*25.0*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*58.1*		"	*50.0*		*116*	*25-150*				
Surrogate: d5-N-EtFOSAA	*62.4*		"	*50.0*		*125*	*25-150*				
Surrogate: M2-6:2 FTS	*65.2*		"	*47.6*		*137*	*25-200*				
Surrogate: M2-8:2 FTS	*92.8*		"	*48.0*		*193*	*25-200*				
Surrogate: M9PFNA	*17.1*		"	*12.5*		*136*	*25-150*				
Surrogate: M2-4:2 FTS	*28.9*		"	*46.9*		*61.7*	*25-150*				
Surrogate: d-N-MeFOSA	*21.1*		"	*25.0*		*84.5*	*25-150*				
Surrogate: d-N-EtFOSA	*14.1*		"	*25.0*		*56.4*	*25-150*				
Surrogate: M3HFPO-DA	*170*		"	*100*		*170*	*25-150*				
Surrogate: d9-N-EtFOSE	*157*		"	*250*		*62.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*201*		"	*250*		*80.5*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40813 - EPA 1633 Prep											
LCS (BJ40813-BS1) LCS								Prepared: 10/12/2024 Analyzed: 10/14/2024			
Perfluorobutanesulfonic acid (PFBS)	29.4	1.77	ng/L	35.4		83.0	50-150				
Perfluorohexanoic acid (PFHxA)	34.4	2.00	"	40.0		86.0	50-150				
Perfluoroheptanoic acid (PFHpA)	40.0	2.00	"	40.0		100	50-150				
Perfluorohexanesulfonic acid (PFHxS)	35.2	1.83	"	36.6		96.2	50-150				
Perfluorooctanoic acid (PFOA)	36.3	2.00	"	40.0		90.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	32.3	1.86	"	37.2		86.8	50-150				
Perfluorononanoic acid (PFNA)	33.9	2.00	"	40.0		84.6	50-150				
Perfluorodecanoic acid (PFDA)	28.9	2.00	"	40.0		72.3	50-150				
Perfluoroundecanoic acid (PFUnA)	41.2	2.00	"	40.0		103	50-150				
Perfluorododecanoic acid (PFDoA)	35.5	2.00	"	40.0		88.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	47.1	2.00	"	40.0		118	50-150				
Perfluorotetradecanoic acid (PFTA)	36.5	2.00	"	40.0		91.1	50-150				
N-MeFOSAA	37.0	2.00	"	40.0		92.5	50-150				
N-EtFOSAA	34.2	2.00	"	40.0		85.4	50-150				
Perfluoropentanoic acid (PFPeA)	72.3	4.00	"	80.0		90.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	28.6	2.00	"	40.0		71.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	34.3	1.91	"	38.2		89.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	31.9	1.93	"	38.6		82.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	126	7.60	"	152		83.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	131	7.68	"	154		85.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	82.4	8.00	"	160		51.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	85.5	3.56	"	71.2		120	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	65.6	4.00	"	80.0		82.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.98	4.00	"	80.0		12.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	106	4.00	"	80.0		132	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	35.6	1.88	"	37.6		94.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	134	7.50	"	150		89.3	50-150				
HFPO-DA (Gen-X)	68.5	8.00	"	80.0		85.6	50-150				
11CL-PF3OUdS	53.7	7.56	"	75.6		71.0	50-150				
9CL-PF3ONS	62.5	7.48	"	74.8		83.6	50-150				
ADONA	49.7	7.56	"	75.6		65.7	50-150				
Perfluorododecanesulfonic acid (PFDoS)	21.7	1.94	"	38.8		55.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	34.7	1.92	"	38.4		90.3	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	91.6	5.00	"	160		57.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	692	25.0	"	800		86.5	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	588	25.0	"	800		73.4	50-150				
N-MeFOSE	290	20.0	"	400		72.6	50-150				
N-MeFOSA	40.1	2.00	"	40.0		100	50-150				
N-EtFOSE	367	20.0	"	400		91.7	50-150				
N-EtFOSA	37.8	2.00	"	40.0		94.5	50-150				
Surrogate: M3PFBS	*33.0*		"	*23.3*		*141*	*25-150*				
Surrogate: M5PFHxA	*37.2*		"	*25.0*		*149*	*25-150*				
Surrogate: M4PFHpA	*32.9*		"	*25.0*		*132*	*25-150*				
Surrogate: M3PFHxS	*32.6*		"	*23.7*		*137*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.5*		"	*25.0*		*130*	*25-150*				
Surrogate: M6PFDA	*19.4*		"	*12.5*		*155*	*25-150*				
Surrogate: M7PFUdA	*16.3*		"	*12.5*		*131*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.6*		"	*12.5*		*109*	*25-150*				
Surrogate: M2PFTeDA	*9.79*		"	*12.5*		*78.3*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40813 - EPA 1633 Prep											
LCS (BJ40813-BS1) LCS								Prepared: 10/12/2024 Analyzed: 10/14/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.54*		*ng/L*	*100*		*2.54*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.8*		*"*	*24.0*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*34.3*		*"*	*50.0*		*68.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.4*		*"*	*25.0*		*89.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*47.2*		*"*	*50.0*		*94.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*52.4*		*"*	*50.0*		*105*	*25-150*				
Surrogate: M2-6:2 FTS	*62.4*		*"*	*47.6*		*131*	*25-200*				
Surrogate: M2-8:2 FTS	*84.1*		*"*	*48.0*		*175*	*25-200*				
Surrogate: M9PFNA	*16.5*		*"*	*12.5*		*132*	*25-150*				
Surrogate: M2-4:2 FTS	*28.4*		*"*	*46.9*		*60.5*	*25-150*				
Surrogate: d-N-MeFOSA	*19.2*		*"*	*25.0*		*76.9*	*25-150*				
Surrogate: d-N-EtFOSA	*14.7*		*"*	*25.0*		*58.8*	*25-150*				
Surrogate: M3HFPO-DA	*194*		*"*	*100*		*194*	*25-150*				
Surrogate: d9-N-EtFOSE	*119*		*"*	*250*		*47.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*158*		*"*	*250*		*63.3*	*25-150*				
LCS (BJ40813-BS2) LCS								Prepared: 10/12/2024 Analyzed: 10/14/2024			
Perfluorobutanesulfonic acid (PFBS)	6.10	1.77	ng/L	7.08		86.1	50-150				
Perfluorohexanoic acid (PFHxA)	6.72	2.00	"	8.00		84.0	50-150				
Perfluoroheptanoic acid (PFHpA)	8.83	2.00	"	8.00		110	50-150				
Perfluorohexanesulfonic acid (PFHxS)	7.47	1.83	"	7.32		102	50-150				
Perfluorooctanoic acid (PFOA)	7.30	2.00	"	8.00		91.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	7.30	1.86	"	7.44		98.2	50-150				
Perfluorononanoic acid (PFNA)	8.14	2.00	"	8.00		102	50-150				
Perfluorodecanoic acid (PFDA)	5.70	2.00	"	8.00		71.2	50-150				
Perfluoroundecanoic acid (PFUnA)	8.60	2.00	"	8.00		107	50-150				
Perfluorododecanoic acid (PFDoA)	7.09	2.00	"	8.00		88.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	11.0	2.00	"	8.00		137	50-150				
Perfluorotetradecanoic acid (PFTA)	8.91	2.00	"	8.00		111	50-150				
N-MeFOSAA	6.84	2.00	"	8.00		85.5	50-150				
N-EtFOSAA	7.10	2.00	"	8.00		88.7	50-150				
Perfluoropentanoic acid (PFPeA)	14.5	4.00	"	16.0		90.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.99	2.00	"	8.00		74.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.80	1.91	"	7.64		89.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.84	1.93	"	7.72		75.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	27.9	7.60	"	30.4		91.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	30.2	7.68	"	30.7		98.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	18.0	8.00	"	32.0		56.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	16.4	3.56	"	14.2		115	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	14.4	4.00	"	16.0		89.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.32	4.00	"	16.0		14.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	20.9	4.00	"	16.0		131	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.21	1.88	"	7.52		95.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	28.8	7.50	"	30.0		95.9	50-150				
HFPO-DA (Gen-X)	12.2	8.00	"	16.0		76.0	50-150				
11CL-PF3OUdS	9.34	7.56	"	15.1		61.8	50-150				
9CL-PF3ONS	11.3	7.48	"	15.0		75.5	50-150				
ADONA	9.48	7.56	"	15.1		62.7	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40813 - EPA 1633 Prep											
LCS (BJ40813-BS2) LCS								Prepared: 10/12/2024 Analyzed: 10/14/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.99	1.94	ng/L	7.76		38.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	6.74	1.92	"	7.68		87.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	17.2	5.00	"	32.0		53.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	141	25.0	"	160		87.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	111	25.0	"	160		69.1	50-150				
N-MeFOSE	66.6	20.0	"	80.0		83.3	50-150				
N-MeFOSA	10.3	2.00	"	8.00		129	50-150				
N-EtFOSE	70.4	20.0	"	80.0		88.0	50-150				
N-EtFOSA	7.72	2.00	"	8.00		96.5	50-150				
Surrogate: M3PFBS	*34.5*		*"*	*23.3*		*148*	*25-150*				
Surrogate: M5PFHxA	*36.1*		*"*	*25.0*		*144*	*25-150*				
Surrogate: M4PFHpA	*32.8*		*"*	*25.0*		*131*	*25-150*				
Surrogate: M3PFHxS	*33.7*		*"*	*23.7*		*142*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.3*		*"*	*25.0*		*137*	*25-150*				
Surrogate: M6PFDA	*22.8*		*"*	*12.5*		*182*	*25-150*				
Surrogate: M7PFUdA	*18.8*		*"*	*12.5*		*150*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.5*		*"*	*12.5*		*116*	*25-150*				
Surrogate: M2PFTeDA	*7.64*		*"*	*12.5*		*61.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.63*		*"*	*100*		*3.63*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*35.1*		*"*	*24.0*		*147*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*38.4*		*"*	*50.0*		*76.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.3*		*"*	*25.0*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*54.3*		*"*	*50.0*		*109*	*25-150*				
Surrogate: d5-N-EtFOSAA	*58.0*		*"*	*50.0*		*116*	*25-150*				
Surrogate: M2-6:2 FTS	*60.6*		*"*	*47.6*		*127*	*25-200*				
Surrogate: M2-8:2 FTS	*77.5*		*"*	*48.0*		*161*	*25-200*				
Surrogate: M9PFNA	*16.0*		*"*	*12.5*		*128*	*25-150*				
Surrogate: M2-4:2 FTS	*27.2*		*"*	*46.9*		*58.0*	*25-150*				
Surrogate: d-N-MeFOSA	*22.4*		*"*	*25.0*		*89.4*	*25-150*				
Surrogate: d-N-EtFOSA	*17.3*		*"*	*25.0*		*69.2*	*25-150*				
Surrogate: M3HFPO-DA	*199*		*"*	*100*		*199*	*25-150*				
Surrogate: d9-N-EtFOSE	*96.4*		*"*	*250*		*38.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*134*		*"*	*250*		*53.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40663 - EPA 3550C											
Blank (BJ40663-BLK1) Blank									Prepared & Analyzed: 10/10/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0342*		*"*	*0.0664*		*51.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0483*		*"*	*0.0664*		*72.7*	*30-150*				
LCS (BJ40663-BS1) LCS									Prepared & Analyzed: 10/10/2024		
4,4'-DDD	0.0166	0.00164	mg/kg wet	0.0332		49.9	40-140				
4,4'-DDE	0.0151	0.00164	"	0.0332		45.6	40-140				
4,4'-DDT	0.0152	0.00164	"	0.0332		45.8	40-140				
Aldrin	0.0154	0.00164	"	0.0332		46.2	40-140				
alpha-BHC	0.0171	0.00164	"	0.0332		51.4	40-140				
alpha-Chlordane	0.0157	0.00164	"	0.0332		47.3	40-140				
beta-BHC	0.0199	0.00164	"	0.0332		60.0	40-140				
delta-BHC	0.0158	0.00164	"	0.0332		47.6	40-140				
Dieldrin	0.0152	0.00164	"	0.0332		45.7	40-140				
Endosulfan I	0.0163	0.00164	"	0.0332		49.0	40-140				
Endosulfan II	0.0173	0.00164	"	0.0332		52.0	40-140				
Endosulfan sulfate	0.0165	0.00164	"	0.0332		49.6	40-140				
Endrin	0.0156	0.00164	"	0.0332		47.0	40-140				
Endrin aldehyde	0.0174	0.00164	"	0.0332		52.4	40-140				
Endrin ketone	0.0175	0.00164	"	0.0332		52.6	40-140				
gamma-BHC (Lindane)	0.0171	0.00164	"	0.0332		51.6	40-140				
gamma-Chlordane	0.0156	0.00164	"	0.0332		46.8	40-140				
Heptachlor	0.0169	0.00164	"	0.0332		50.7	40-140				
Heptachlor epoxide	0.0163	0.00164	"	0.0332		49.1	40-140				
Methoxychlor	0.0176	0.00164	"	0.0332		53.1	40-140				
Surrogate: Decachlorobiphenyl	*0.0260*		*"*	*0.0664*		*39.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0365*		*"*	*0.0664*		*54.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40663 - EPA 3550C											
Blank (BJ40663-BLK2) Blank									Prepared & Analyzed: 10/10/2024		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0667*		*"*	*0.0667*		*100*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0507*		*"*	*0.0667*		*76.0*	*30-120*				
LCS (BJ40663-BS2) LCS									Prepared & Analyzed: 10/10/2024		
Aroclor 1016	0.290	0.0166	mg/kg wet	0.332		87.2	40-130				
Aroclor 1260	0.297	0.0166	"	0.332		89.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0578*		*"*	*0.0664*		*87.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0425*		*"*	*0.0664*		*64.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40580 - EPA 3550C/8151A											
Blank (BJ40580-BLK1) Blank									Prepared: 10/09/2024 Analyzed: 10/10/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.394*		*"*	*0.415*		*94.8*	*21-150*				
LCS (BJ40580-BS1) LCS									Prepared: 10/09/2024 Analyzed: 10/10/2024		
2,4,5-T	0.0656	0.0199	mg/kg wet	0.0664		98.7	10-120				
2,4,5-TP (Silvex)	0.0714	0.0199	"	0.0664		108	10-120				
2,4-D	0.0664	0.0199	"	0.0664		100	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.432*		*"*	*0.415*		*104*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40607 - EPA 3050B											
Blank (BJ40607-BLK1) Blank									Prepared: 10/09/2024 Analyzed: 10/11/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BJ40607-SRM1) Reference									Prepared: 10/09/2024 Analyzed: 10/11/2024		
Aluminum	5950	4.17	mg/kg wet	7680		77.5	35.7-119				
Antimony	61.1	2.08	"	244		25.0	0-99.5				
Arsenic	233	1.25	"	283		82.3	69.9-101.4				
Barium	301	2.08	"	326		92.2	73.9-107.1				
Beryllium	159	0.042	"	175		90.9	75.4-107.4				
Cadmium	85.4	0.250	"	95.8		89.2	72.3-103.7				
Calcium	5570	4.17	"	5470		102	79.5-113.2				
Chromium	219	0.417	"	239		91.6	72.4-106.3				
Cobalt	147	0.333	"	150		98.3	76-107.3				
Copper	210	1.67	"	217		97.0	74.7-105.1				
Iron	6430	20.8	"	7360		87.4	53-127.9				
Lead	195	0.417	"	210		92.8	75.7-109.5				
Magnesium	1780	4.17	"	2080		85.6	67.3-111.1				
Manganese	260	0.417	"	290		89.8	73.4-108.3				
Nickel	302	0.830	"	329		91.9	74.5-106.7				
Potassium	1740	4.17	"	2330		74.8	60.9-111.6				
Selenium	261	2.08	"	281		93.0	77.6-116.7				
Silver	73.4	0.420	"	82.7		88.7	73.7-111.7				
Sodium	356	41.7	"	427		83.3	71.2-118.7				
Thallium	105	2.08	"	123		85.7	70.2-104.8				
Vanadium	168	0.830	"	192		87.5	68.8-107.8				
Zinc	241	2.08	"	260		92.6	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40601 - EPA 7473 soil											
Blank (BJ40601-BLK1) Blank									Prepared: 10/09/2024 Analyzed: 10/10/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ40601-SRM1) Reference									Prepared: 10/09/2024 Analyzed: 10/10/2024		
Mercury	15.268		mg/kg	18.2		83.9	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40509 - EPA SW846-3060											
Blank (BJ40509-BLK1) Blank									Prepared & Analyzed: 10/08/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BJ40509-SRM1) Reference									Prepared & Analyzed: 10/08/2024		
Chromium, Hexavalent	190		mg/L	227		83.9	42.3-157.7				
Batch BJ40524 - Analysis Preparation Soil											
Blank (BJ40524-BLK1) Blank									Prepared & Analyzed: 10/08/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BJ40524-SRM1) Reference									Prepared & Analyzed: 10/08/2024		
Cyanide, total	47.7		ug/mL	59.7		80.0	38.5-161.4				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40550 - % Solids Prep											
Duplicate (BJ40550-DUP1) Duplicate	*Source sample: 24J0441-01 (PE37_19.5)								Prepared & Analyzed: 10/09/2024		
% Solids	93.0	0.100	%		92.6				0.399	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J0441-01	PE37_19.5	40mL Vial with Stir Bar-Cool 4° C
24J0441-03	TB_10072024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

YORK Project Number: 24J0441

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kinkall Drive Parsippany, NJ 07054	Address:
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 / 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
RUSH - Five Day	
Standard (6-9 Day)	X
PFAS Standard 7-10 Day	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected by: (print AND sign your name)

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	SVOCs	Pesticides & Herbicides	PCBs	CN	TAL Metals	Cr^{3+} / Cr^{6+}	PFAS	1,4-Dioxane			Grab or Comp. G/C
PE37_19.5	10/7/24	1430	S	3		1								X	X	X	X	X	X	X	X	X			
EB_10072024	10/7/24	1435	Aqueous	2																	X				
TB_10072024	10/7/24				2									X											

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N | Containers Intact: Y / N | COC/Labels Agree: Y / N | Preservation Confirmed: Y / N

COC Complete: Y / N | COC Received: Y / N | Appropriate Sample Volumes: Y / N | Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N | Samples Submitted within Holding Times: Y / N | Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Andrew Ashley	Date/Time: 10/7/24 1538	1. Samples Received by / Company: Langan Driver	Date/Time: 10/7/24 1550
2. Samples Received by / Company:	Date/Time:	3. Samples Relinquished by / Company:	Date/Time:
4. Samples Relinquished by / Company:	Date/Time:	4. Samples Received by / Company:	Date/Time:

2. Samples Relinquished by / Company: Langan Driver	Date/Time: 10/7/24 19:50		
3. Samples Received by / Company:	Date/Time:		
Samples Received in LAB by: Mavara	Date/Time: 10/7/24 19:50	Temperature: 5.2 Degrees C	

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/17/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0555

Report Date: 10/17/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0555

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 08, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J0555-01	PE44_20.0	Soil	10/08/2024	10/08/2024
24J0555-02	PE45_19.5	Soil	10/08/2024	10/08/2024
24J0555-03	PE53_19.0	Soil	10/08/2024	10/08/2024
24J0555-04	PE62_18.0	Soil	10/08/2024	10/08/2024
24J0555-05	EB_10082024	Water	10/08/2024	10/08/2024
24J0555-06	TB_10082024	Water	10/08/2024	10/08/2024

General Notes for York Project (SDG) No.: 24J0555

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 10/17/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.012**	ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	10/09/2024 12:00	10/09/2024 21:41	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0917	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, CCVE	mg/kg dry	0.0917	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND	CCVE	mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CCVE	mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.184	0.367	2	EPA 8270D	10/13/2024 08:42	10/13/2024 19:36	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*43.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/14/2024 08:32	10/17/2024 14:56	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.195	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0584	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.202	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.208	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.441	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.656	0.838	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.833	0.847	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.882	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.393	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.441	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0684	0.441	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.441	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.656	0.827	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.670	0.882	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.343	0.834	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.271	0.825	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.834	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.214	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.699	1.10	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.31	5.51	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.51	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.674	2.21	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.769	2.21	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:15	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*148 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*152 %*	PFSu-H	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*140 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*132 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*138 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*97.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*82.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*11.9 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*124 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*78.2 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*88.9 %*		*25-200*

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*166 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*134 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*42.0 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*61.4 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*44.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*152 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*63.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*66.7 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 22:46	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*28.9 %*	S-GC, S-08	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.4 %*		*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	10/10/2024 09:00	10/11/2024 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	10/10/2024 09:00	10/11/2024 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	10/10/2024 09:00	10/11/2024 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	10/10/2024 09:00	10/11/2024 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	10/10/2024 09:00	10/11/2024 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	10/10/2024 09:00	10/11/2024 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	10/10/2024 09:00	10/11/2024 05:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	10/10/2024 09:00	10/11/2024 05:57	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.0 %*	*30-120*

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	10/10/2024 08:40	10/10/2024 19:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	10/10/2024 08:40	10/10/2024 19:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	10/10/2024 08:40	10/10/2024 19:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*91.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5540**		mg/kg dry	4.59	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.30	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.14**		mg/kg dry	1.38	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**35.7**		mg/kg dry	2.29	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.276	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2330**		mg/kg dry	4.60	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.0**		mg/kg dry	0.460	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.64**		mg/kg dry	0.367	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**24.4**		mg/kg dry	1.84	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9430**		mg/kg dry	23.0	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**27.2**		mg/kg dry	0.460	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1840**		mg/kg dry	4.60	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**89.0**		mg/kg dry	0.460	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**16.2**		mg/kg dry	0.915	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**521**	M-CCV 1	mg/kg dry	4.60	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**99.8**		mg/kg dry	46.0	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.30	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.7**		mg/kg dry	0.915	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**45.4**		mg/kg dry	2.29	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:34	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0331	1	EPA 7473	10/09/2024 12:56	10/10/2024 16:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.551	1	EPA 7196A	10/09/2024 09:31	10/09/2024 15:21	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.0**		mg/kg	0.500	1	Calculation	10/14/2024 14:59	10/14/2024 17:34	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE44_20.0 **York Sample ID:** 24J0555-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:30 pm	10/08/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.551	1	EPA 9014/9010C	10/09/2024 07:24	10/09/2024 13:51	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.7**		%	0.100	1	SM 2540G	10/09/2024 11:54	10/09/2024 12:29	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0031**	J	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.026**	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0056**	J	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, CCVE	mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND	CCVE	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	CCVE	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	CCVE	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CCVE	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.183	0.366	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:05	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*47.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/14/2024 08:32	10/17/2024 15:14	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*76.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.195	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0583	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.201	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.189	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.208	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.210	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.440	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.655	0.837	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.831	0.845	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.881	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.392	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.212	0.440	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0683	0.440	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.440	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.655	0.826	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.669	0.881	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.342	0.832	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.271	0.823	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.832	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.214	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.211	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.698	1.10	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.31	5.50	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.50	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.673	2.20	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.767	2.20	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:31	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*129 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*132 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*125 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*131 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*130 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*153 %*	PFSu-H	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*124 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*106 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*17.8 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*135 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*86.8 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.7 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*85.2 %*		*25-200*

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*154 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*146 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*33.9 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*60.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*44.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*160 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*64.5 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*28.9 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.3 %*		*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:10	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.0 %*	*30-120*

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	10/10/2024 08:40	10/10/2024 20:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	10/10/2024 08:40	10/10/2024 20:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	10/10/2024 08:40	10/10/2024 20:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*90.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6460**		mg/kg dry	4.59	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.85**		mg/kg dry	1.38	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**59.6**		mg/kg dry	2.29	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1220**		mg/kg dry	4.59	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.459	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.79**		mg/kg dry	0.367	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**18.6**		mg/kg dry	1.84	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11200**		mg/kg dry	22.9	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**33.4**		mg/kg dry	0.459	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2010**		mg/kg dry	4.59	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**63.4**		mg/kg dry	0.459	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**15.6**		mg/kg dry	0.914	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**661**	M-CCV 1	mg/kg dry	4.59	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.462	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**81.2**		mg/kg dry	45.9	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.6**		mg/kg dry	0.914	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**85.5**		mg/kg dry	2.28	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0330	1	EPA 7473	10/09/2024 12:56	10/10/2024 16:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.550	1	EPA 7196A	10/09/2024 09:31	10/09/2024 15:21	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.6**		mg/kg	0.500	1	Calculation	10/14/2024 14:59	10/14/2024 17:34	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE45_19.5 **York Sample ID:** 24J0555-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 1:45 pm	10/08/2024

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.550	1	EPA 9014/9010C	10/09/2024 07:24	10/09/2024 13:51	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G	10/09/2024 11:54	10/09/2024 12:29	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.017**	ICVE	mg/kg dry	0.0066	0.013	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0066	0.013	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0098	0.020	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:31	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0982	0.196	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0982	0.196	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, CCVE	mg/kg dry	0.0982	0.196	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0982	0.196	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0982	0.196	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, CCVE	mg/kg dry	0.0982	0.196	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND	CCVE	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0982	0.196	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0982	0.196	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.197	0.393	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.168**		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.393	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.370**		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.340**	CCVE	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.312**		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.241**	CCVE	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.284**	CCVE	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.483**		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.553**		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0982	0.196	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	**Carbazole**	**0.0541**	J	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.359**		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0698**	J	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.813**		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0549**	J	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.213**		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.537**		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.698**		mg/kg dry	0.0492	0.0982	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.197	0.393	2	EPA 8270D	10/13/2024 08:42	10/13/2024 20:35	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*43.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*67.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/14/2024 08:32	10/17/2024 15:31	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.131	0.209	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0841**	J	ug/kg dry	0.0626	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.124	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.211	0.216	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.203	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.524**		ug/kg dry	0.197	0.220	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.223	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.226	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.192	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.148	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.122	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.175	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.229	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.129	0.472	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.172	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.183	0.236	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.703	0.897	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.892	0.907	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.129	0.945	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.164	0.420	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.228	0.472	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0732	0.472	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.113	0.472	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.185	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.703	0.886	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 11:47	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.718	0.945	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 11:47	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.367	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 11:47	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.291	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 11:47	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.205	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 11:47	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.200	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 11:47	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.146	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 11:47	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.749	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 11:47	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.48	5.90	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 11:47	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.77	5.90	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 11:47	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.722	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 11:47	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.213	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 11:47	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.823	2.36	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 11:47	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.234	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 11:47	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*127 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*117 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*121 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*124 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*117 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*108 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*17.4 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*147 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*85.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*97.7 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*119 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*144 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*147 %*		*25-200*

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*191 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*112 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*74.5 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*44.3 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*34.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*141 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*44.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*55.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**0.00627**		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	**4,4'-DDE**	**0.00458**		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00287**	P	mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	**Heptachlor**	**0.00421**		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*28.0 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.7 %*		*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	**Aroclor 1248**	**0.198**	P	mg/kg dry	0.0194	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	**Aroclor 1260**	**0.0648**		mg/kg dry	0.0194	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.262**	P	mg/kg dry	0.0194	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:24	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.0 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*29.0 %*	S-08, S-GC	*30-120*

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0235	1	EPA 8151A	10/10/2024 08:40	10/10/2024 20:08	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0235	1	EPA 8151A	10/10/2024 08:40	10/10/2024 20:08	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0235	1	EPA 8151A	10/10/2024 08:40	10/10/2024 20:08	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*105 %*	S-D	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7230**		mg/kg dry	4.92	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	**Antimony**	**4.80**		mg/kg dry	2.46	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**29.4**		mg/kg dry	1.48	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**340**		mg/kg dry	2.46	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.566**		mg/kg dry	0.050	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.48**		mg/kg dry	0.295	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9330**		mg/kg dry	4.92	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**34.8**		mg/kg dry	0.492	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**9.44**		mg/kg dry	0.393	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**199**		mg/kg dry	1.97	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**70300**		mg/kg dry	24.6	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**369**		mg/kg dry	0.492	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1560**		mg/kg dry	4.92	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**472**		mg/kg dry	0.492	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**63.9**		mg/kg dry	0.980	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**527**	M-CCV 1	mg/kg dry	4.92	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**11.6**	M-CCV 1	mg/kg dry	2.46	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.496	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**341**		mg/kg dry	49.2	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.46	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.1**		mg/kg dry	0.980	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**563**		mg/kg dry	2.45	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.304**		mg/kg dry	0.0354	1	EPA 7473	10/09/2024 12:56	10/10/2024 16:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.590	1	EPA 7196A	10/09/2024 09:31	10/09/2024 15:21	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**34.8**		mg/kg	0.500	1	Calculation	10/14/2024 14:59	10/14/2024 17:34	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE53_19.0 **York Sample ID:** 24J0555-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:00 pm	10/08/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.590	1	EPA 9014/9010C	10/10/2024 07:55	10/10/2024 15:21	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.7**		%	0.100	1	SM 2540G	10/09/2024 11:54	10/09/2024 12:29	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.075	0.15	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.033**	ICVE	mg/kg dry	0.0075	0.015	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	mg/kg dry	0.0075	0.015	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260C	10/09/2024 12:00	10/09/2024 22:57	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E, QL-02	mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0754**	J	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0622**	J	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0798**	J	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CAL-E	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0637**	J	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.122**		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.0571**	J	mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.105**		mg/kg dry	0.0459	0.0915	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	10/13/2024 08:41	10/13/2024 21:50	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.4 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*74.4 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.2 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*83.7 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*115 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.2 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	10/14/2024 08:32	10/17/2024 15:49	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0588	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.203	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.215	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.443	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.660	0.843	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.837	0.851	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.887	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.395	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.214	0.443	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0687	0.443	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.443	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.208	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.660	0.832	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 12:03	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.674	0.887	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 12:03	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.345	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 12:03	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.273	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 12:03	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 12:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 12:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 12:03	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.703	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 12:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 12:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 12:03	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.677	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 12:03	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 12:03	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.773	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 12:03	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 12:03	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*118 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*121 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*160 %*	PFSu-H	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*125 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*77.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*58.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.04 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*122 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*111 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*103 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*105 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*123 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*87.9 %*		*25-200*

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*171 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*112 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*31.7 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*51.3 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*40.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*146 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*40.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*54.8 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	10/10/2024 09:00	10/10/2024 23:33	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*29.7 %*	S-08, S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.8 %*		*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:37	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	10/10/2024 09:00	10/11/2024 06:37	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.5 %*	*30-120*

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	10/10/2024 08:40	10/10/2024 20:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	10/10/2024 08:40	10/10/2024 20:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	10/10/2024 08:40	10/10/2024 20:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*89.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6670**		mg/kg dry	4.62	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.00**		mg/kg dry	1.39	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**49.6**		mg/kg dry	2.31	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.081**		mg/kg dry	0.047	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1970**		mg/kg dry	4.62	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.6**		mg/kg dry	0.462	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.14**		mg/kg dry	0.369	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**33.2**		mg/kg dry	1.85	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8420**		mg/kg dry	23.1	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**29.0**		mg/kg dry	0.462	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2200**		mg/kg dry	4.62	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**67.0**		mg/kg dry	0.462	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**18.0**		mg/kg dry	0.920	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**513**	M-CCV 1	mg/kg dry	4.62	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.466	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**79.4**		mg/kg dry	46.2	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.2**		mg/kg dry	0.920	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**55.4**		mg/kg dry	2.30	1	EPA 6010D	10/13/2024 10:04	10/14/2024 13:48	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0928**		mg/kg dry	0.0333	1	EPA 7473	10/09/2024 12:56	10/10/2024 16:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	10/09/2024 09:31	10/09/2024 15:21	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**12.6**		mg/kg	0.500	1	Calculation	10/14/2024 14:59	10/14/2024 17:34	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE62_18.0 **York Sample ID:** 24J0555-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Soil	October 8, 2024 2:15 pm	10/08/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C	10/10/2024 07:55	10/10/2024 15:21	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	10/09/2024 11:54	10/09/2024 12:29	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: EB_10082024 **York Sample ID:** 24J0555-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Water	October 8, 2024 2:30 pm	10/08/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.459	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.342	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.693	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.664	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.410	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.801	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.508	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.732	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.10	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.859	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.723	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.674	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.771	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.01	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.225	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.859	1.95	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.889	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.29	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.04	7.42	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.00	7.50	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.322	7.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM

Sample Information

Client Sample ID: EB_10082024 **York Sample ID:** 24J0555-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Water	October 8, 2024 2:30 pm	10/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.488	3.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/12/2024 11:49	10/14/2024 20:16	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.09	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/12/2024 11:49	10/14/2024 20:16	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.244	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/12/2024 11:49	10/14/2024 20:16	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.361	3.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/12/2024 11:49	10/14/2024 20:16	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.742	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.75	7.32	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.15	7.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.35	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.684	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
919005-14-4	ADONA	ND		ng/L	0.518	7.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.908	1.89	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:16	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.840	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/12/2024 11:49	10/14/2024 20:16	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.98	4.88	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:16	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.16	24.4	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:16	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.25	24.4	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:16	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.90	19.5	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:16	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.54	1.95	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:16	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.90	19.5	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:16	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.76	1.95	1	EPA 1633 Draft 3 Certifications:	10/12/2024 11:49	10/14/2024 20:16	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*119 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*	*25-150*

Sample Information

Client Sample ID: EB_10082024 **York Sample ID:** 24J0555-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Water	October 8, 2024 2:30 pm	10/08/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*128 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*121 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*126 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*101 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*79.0 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.04 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*53.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*88.9 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*98.2 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*67.9 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*128 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*129 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*37.6 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*69.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*61.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*153 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*54.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.5 %*			*25-150*						

Sample Information

Client Sample ID: TB_10082024 **York Sample ID:** 24J0555-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Water	October 8, 2024 2:30 pm	10/08/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10082024 **York Sample ID:** 24J0555-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Water	October 8, 2024 2:30 pm	10/08/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.365	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**2.55**		ug/L	0.422	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10082024 **York Sample ID:** 24J0555-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Water	October 8, 2024 2:30 pm	10/08/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10082024 **York Sample ID:** 24J0555-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0555	100688801	Water	October 8, 2024 2:30 pm	10/08/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/09/2024 11:00	10/09/2024 17:15	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.1 %*	*70-130*

Analytical Batch Summary

Batch ID: BJ40554 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-01	PE44_20.0	10/09/24
24J0555-02	PE45_19.5	10/09/24
BJ40554-BLK1	Blank	10/09/24
BJ40554-SRM1	Reference	10/09/24

Batch ID: BJ40592 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-01	PE44_20.0	10/09/24
24J0555-02	PE45_19.5	10/09/24
24J0555-03	PE53_19.0	10/09/24
24J0555-04	PE62_18.0	10/09/24
BJ40592-BLK1	Blank	10/09/24
BJ40592-SRM1	Reference	10/09/24

Batch ID: BJ40599 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-01	PE44_20.0	10/09/24
24J0555-02	PE45_19.5	10/09/24
24J0555-03	PE53_19.0	10/09/24
24J0555-04	PE62_18.0	10/09/24

Batch ID: BJ40601 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-01	PE44_20.0	10/09/24
24J0555-02	PE45_19.5	10/09/24
24J0555-03	PE53_19.0	10/09/24
24J0555-04	PE62_18.0	10/09/24
BJ40601-BLK1	Blank	10/09/24
BJ40601-SRM1	Reference	10/09/24

Batch ID: BJ40638 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-03	PE53_19.0	10/10/24
24J0555-04	PE62_18.0	10/10/24
BJ40638-BLK1	Blank	10/10/24
BJ40638-SRM1	Reference	10/10/24

Batch ID: BJ40657 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-01	PE44_20.0	10/10/24
24J0555-02	PE45_19.5	10/10/24
24J0555-03	PE53_19.0	10/10/24
24J0555-04	PE62_18.0	10/10/24
BJ40657-BLK1	Blank	10/10/24
BJ40657-BS1	LCS	10/10/24

Batch ID: BJ40666 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-01	PE44_20.0	10/10/24
24J0555-01	PE44_20.0	10/10/24
24J0555-02	PE45_19.5	10/10/24
24J0555-02	PE45_19.5	10/10/24
24J0555-03	PE53_19.0	10/10/24
24J0555-03	PE53_19.0	10/10/24
24J0555-04	PE62_18.0	10/10/24
24J0555-04	PE62_18.0	10/10/24
BJ40666-BLK1	Blank	10/10/24
BJ40666-BLK2	Blank	10/10/24
BJ40666-BS1	LCS	10/10/24
BJ40666-BS2	LCS	10/10/24

Batch ID: BJ40697 **Preparation Method:** EPA 5035A **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-01	PE44_20.0	10/09/24
24J0555-02	PE45_19.5	10/09/24
24J0555-03	PE53_19.0	10/09/24
24J0555-04	PE62_18.0	10/09/24
BJ40697-BLK1	Blank	10/09/24
BJ40697-BS1	LCS	10/09/24
BJ40697-BSD1	LCS Dup	10/09/24

Batch ID: BJ40712 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-06	TB_10082024	10/09/24
BJ40712-BLK1	Blank	10/09/24
BJ40712-BS1	LCS	10/09/24
BJ40712-BSD1	LCS Dup	10/09/24

Batch ID: BJ40812 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-01	PE44_20.0	10/12/24

24J0555-02	PE45_19.5	10/12/24
24J0555-03	PE53_19.0	10/12/24
24J0555-04	PE62_18.0	10/12/24
BJ40812-BLK1	Blank	10/12/24
BJ40812-BS1	LCS	10/12/24
BJ40812-BS2	LCS	10/12/24

Batch ID: BJ40813 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-05	EB_10082024	10/12/24
BJ40813-BLK1	Blank	10/12/24
BJ40813-BS1	LCS	10/12/24
BJ40813-BS2	LCS	10/12/24

Batch ID: BJ40815 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-04	PE62_18.0	10/13/24
BJ40815-BLK1	Blank	10/13/24
BJ40815-BS1	LCS	10/13/24

Batch ID: BJ40816 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-01	PE44_20.0	10/13/24
24J0555-02	PE45_19.5	10/13/24
24J0555-03	PE53_19.0	10/13/24
BJ40816-BLK1	Blank	10/13/24
BJ40816-BS1	LCS	10/13/24

Batch ID: BJ40826 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-01	PE44_20.0	10/13/24
24J0555-02	PE45_19.5	10/13/24
24J0555-03	PE53_19.0	10/13/24
24J0555-04	PE62_18.0	10/13/24
BJ40826-BLK1	Blank	10/13/24
BJ40826-SRM1	Reference	10/13/24

Batch ID: BJ40869 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-01	PE44_20.0	10/14/24
24J0555-02	PE45_19.5	10/14/24
24J0555-03	PE53_19.0	10/14/24
24J0555-04	PE62_18.0	10/14/24

BJ40869-BLK1	Blank	10/14/24
BJ40869-BS1	LCS	10/14/24

Batch ID: BJ40909 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J0555-01	PE44_20.0	10/14/24
24J0555-02	PE45_19.5	10/14/24
24J0555-03	PE53_19.0	10/14/24
24J0555-04	PE62_18.0	10/14/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40697 - EPA 5035A											
Blank (BJ40697-BLK1) Blank									Prepared & Analyzed: 10/09/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40697 - EPA 5035A											
Blank (BJ40697-BLK1) Blank								Prepared & Analyzed: 10/09/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.0*		*"*	*50.0*		*106*	*76-130*				
LCS (BJ40697-BS1) LCS								Prepared & Analyzed: 10/09/2024			
1,1,1,2-Tetrachloroethane	52.5		ug/L	50.0		105	75-129			30	
1,1,1-Trichloroethane	47.4		"	50.0		94.8	70-130			30	
1,1,2,2-Tetrachloroethane	55.0		"	50.0		110	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.1		"	50.0		96.3	70-130			30	
1,1,2-Trichloroethane	50.8		"	50.0		102	70-130			30	
1,1-Dichloroethane	47.2		"	50.0		94.4	70-130			30	
1,1-Dichloroethylene	50.9		"	50.0		102	70-130			30	
1,1-Dichloropropylene	49.2		"	50.0		98.5	77-127			30	
1,2,3-Trichlorobenzene	57.3		"	50.0		115	70-130			30	
1,2,3-Trichloropropane	53.5		"	50.0		107	81-126			30	
1,2,4-Trichlorobenzene	58.1		"	50.0		116	70-130			30	
1,2,4-Trimethylbenzene	56.2		"	50.0		112	84-125			30	
1,2-Dibromo-3-chloropropane	57.5		"	50.0		115	40-160			30	
1,2-Dibromoethane	50.1		"	50.0		100	70-130			30	
1,2-Dichlorobenzene	53.0		"	50.0		106	70-130			30	
1,2-Dichloroethane	48.3		"	50.0		96.6	70-130			30	
1,2-Dichloropropane	52.4		"	50.0		105	70-130			30	
1,3,5-Trimethylbenzene	55.5		"	50.0		111	82-126			30	
1,3-Dichlorobenzene	52.6		"	50.0		105	70-130			30	
1,3-Dichloropropane	51.9		"	50.0		104	83-123			30	
1,4-Dichlorobenzene	53.2		"	50.0		106	70-130			30	
1,4-Dioxane	900		"	1050		85.7	40-160			30	
2,2-Dichloropropane	59.1		"	50.0		118	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40697 - EPA 5035A											
LCS (BJ40697-BS1) LCS								Prepared & Analyzed: 10/09/2024			
2-Butanone	43.1		ug/L	50.0		86.2	40-160			30	
2-Chlorotoluene	54.6		"	50.0		109	78-127			30	
2-Hexanone	52.1		"	50.0		104	40-160			30	
4-Chlorotoluene	55.8		"	50.0		112	79-125			30	
4-Methyl-2-pentanone	39.7		"	50.0		79.3	40-160			30	
Acetone	28.6		"	50.0		57.1	40-160			30	
Acrolein	3.29		"	50.0		6.58	10-238	Low Bias		30	
Acrylonitrile	47.6		"	50.0		95.2	66-141			30	
Benzene	48.0		"	50.0		96.0	70-130			30	
Bromobenzene	55.6		"	50.0		111	77-129			30	
Bromochloromethane	47.9		"	50.0		95.8	70-130			30	
Bromodichloromethane	52.1		"	50.0		104	70-130			30	
Bromoform	52.2		"	50.0		104	70-130			30	
Bromomethane	42.4		"	50.0		84.8	40-160			30	
Carbon disulfide	49.2		"	50.0		98.4	40-160			30	
Carbon tetrachloride	48.6		"	50.0		97.2	70-130			30	
Chlorobenzene	50.0		"	50.0		100	70-130			30	
Chloroethane	43.1		"	50.0		86.1	51-142			30	
Chloroform	46.8		"	50.0		93.6	70-130			30	
Chloromethane	43.4		"	50.0		86.9	49-132			30	
cis-1,2-Dichloroethylene	48.6		"	50.0		97.2	70-130			30	
cis-1,3-Dichloropropylene	53.4		"	50.0		107	70-130			30	
Cyclohexane	49.9		"	50.0		99.7	70-130			30	
Dibromochloromethane	51.4		"	50.0		103	70-130			30	
Dibromomethane	48.6		"	50.0		97.2	83-124			30	
Dichlorodifluoromethane	40.5		"	50.0		81.0	40-160			30	
Ethyl Benzene	53.1		"	50.0		106	70-130			30	
Hexachlorobutadiene	58.8		"	50.0		118	83-133			30	
Isopropylbenzene	56.1		"	50.0		112	70-130			30	
Methyl acetate	43.8		"	50.0		87.5	70-130			30	
Methyl tert-butyl ether (MTBE)	51.9		"	50.0		104	70-130			30	
Methylcyclohexane	50.0		"	50.0		100	70-130			30	
Methylene chloride	47.1		"	50.0		94.2	70-130			30	
n-Butylbenzene	57.1		"	50.0		114	80-130			30	
n-Propylbenzene	56.6		"	50.0		113	74-136			30	
o-Xylene	52.4		"	50.0		105	70-130			30	
p- & m- Xylenes	104		"	100		104	70-130			30	
p-Isopropyltoluene	58.4		"	50.0		117	85-125			30	
sec-Butylbenzene	56.9		"	50.0		114	83-125			30	
Styrene	53.1		"	50.0		106	70-130			30	
tert-Butyl alcohol (TBA)	278		"	250		111	70-130			30	
tert-Butylbenzene	48.5		"	50.0		97.0	80-127			30	
Tetrachloroethylene	46.3		"	50.0		92.6	70-130			30	
Toluene	51.0		"	50.0		102	70-130			30	
trans-1,2-Dichloroethylene	49.1		"	50.0		98.2	70-130			30	
trans-1,3-Dichloropropylene	57.8		"	50.0		116	70-130			30	
Trichloroethylene	50.9		"	50.0		102	70-130			30	
Trichlorofluoromethane	42.8		"	50.0		85.6	40-160			30	
Vinyl Chloride	45.4		"	50.0		90.8	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40697 - EPA 5035A											
LCS (BJ40697-BS1) LCS								Prepared & Analyzed: 10/09/2024			
Surrogate: SURR: p-Bromofluorobenzene	*53.4*		*ug/L*	*50.0*		*107*	*76-130*				
LCS Dup (BJ40697-BSD1) LCS Dup								Prepared & Analyzed: 10/09/2024			
1,1,1,2-Tetrachloroethane	49.2		ug/L	50.0		98.3	75-129		6.55	30	
1,1,1-Trichloroethane	45.2		"	50.0		90.4	70-130		4.69	30	
1,1,2,2-Tetrachloroethane	53.1		"	50.0		106	70-130		3.41	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.8		"	50.0		89.5	70-130		7.25	30	
1,1,2-Trichloroethane	47.3		"	50.0		94.6	70-130		7.08	30	
1,1-Dichloroethane	44.4		"	50.0		88.9	70-130		5.98	30	
1,1-Dichloroethylene	47.8		"	50.0		95.7	70-130		6.26	30	
1,1-Dichloropropylene	46.1		"	50.0		92.3	77-127		6.52	30	
1,2,3-Trichlorobenzene	55.0		"	50.0		110	70-130		4.06	30	
1,2,3-Trichloropropane	50.4		"	50.0		101	81-126		6.04	30	
1,2,4-Trichlorobenzene	56.3		"	50.0		113	70-130		3.15	30	
1,2,4-Trimethylbenzene	53.6		"	50.0		107	84-125		4.55	30	
1,2-Dibromo-3-chloropropane	55.1		"	50.0		110	40-160		4.32	30	
1,2-Dibromoethane	47.8		"	50.0		95.6	70-130		4.64	30	
1,2-Dichlorobenzene	49.2		"	50.0		98.3	70-130		7.58	30	
1,2-Dichloroethane	45.1		"	50.0		90.2	70-130		6.88	30	
1,2-Dichloropropane	49.1		"	50.0		98.1	70-130		6.56	30	
1,3,5-Trimethylbenzene	52.3		"	50.0		105	82-126		5.84	30	
1,3-Dichlorobenzene	49.7		"	50.0		99.5	70-130		5.55	30	
1,3-Dichloropropane	49.0		"	50.0		97.9	83-123		5.83	30	
1,4-Dichlorobenzene	50.2		"	50.0		100	70-130		5.78	30	
1,4-Dioxane	816		"	1050		77.8	40-160		9.76	30	
2,2-Dichloropropane	55.7		"	50.0		111	67-136		5.90	30	
2-Butanone	40.4		"	50.0		80.7	40-160		6.61	30	
2-Chlorotoluene	51.6		"	50.0		103	78-127		5.61	30	
2-Hexanone	49.4		"	50.0		98.7	40-160		5.44	30	
4-Chlorotoluene	52.6		"	50.0		105	79-125		5.85	30	
4-Methyl-2-pentanone	37.6		"	50.0		75.1	40-160		5.41	30	
Acetone	27.2		"	50.0		54.5	40-160		4.73	30	
Acrolein	3.15		"	50.0		6.30	10-238	Low Bias	4.35	30	
Acrylonitrile	46.2		"	50.0		92.4	66-141		2.94	30	
Benzene	45.0		"	50.0		90.0	70-130		6.43	30	
Bromobenzene	53.4		"	50.0		107	77-129		3.96	30	
Bromochloromethane	45.7		"	50.0		91.4	70-130		4.76	30	
Bromodichloromethane	48.7		"	50.0		97.3	70-130		6.88	30	
Bromoform	50.0		"	50.0		100	70-130		4.38	30	
Bromomethane	41.6		"	50.0		83.1	40-160		1.98	30	
Carbon disulfide	46.5		"	50.0		93.1	40-160		5.62	30	
Carbon tetrachloride	45.4		"	50.0		90.9	70-130		6.70	30	
Chlorobenzene	47.2		"	50.0		94.4	70-130		5.84	30	
Chloroethane	40.9		"	50.0		81.7	51-142		5.27	30	
Chloroform	43.9		"	50.0		87.8	70-130		6.39	30	
Chloromethane	40.4		"	50.0		80.8	49-132		7.28	30	
cis-1,2-Dichloroethylene	45.8		"	50.0		91.7	70-130		5.86	30	
cis-1,3-Dichloropropylene	50.6		"	50.0		101	70-130		5.21	30	
Cyclohexane	47.0		"	50.0		93.9	70-130		6.01	30	
Dibromochloromethane	48.5		"	50.0		96.9	70-130		5.83	30	
Dibromomethane	46.2		"	50.0		92.4	83-124		5.06	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40697 - EPA 5035A											
LCS Dup (BJ40697-BSD1) LCS Dup								Prepared & Analyzed: 10/09/2024			
Dichlorodifluoromethane	37.3		ug/L	50.0		74.6	40-160		8.12	30	
Ethyl Benzene	48.8		"	50.0		97.5	70-130		8.47	30	
Hexachlorobutadiene	51.5		"	50.0		103	83-133		13.1	30	
Isopropylbenzene	52.5		"	50.0		105	70-130		6.61	30	
Methyl acetate	41.4		"	50.0		82.7	70-130		5.66	30	
Methyl tert-butyl ether (MTBE)	49.8		"	50.0		99.7	70-130		3.95	30	
Methylcyclohexane	46.4		"	50.0		92.8	70-130		7.41	30	
Methylene chloride	44.6		"	50.0		89.1	70-130		5.54	30	
n-Butylbenzene	54.8		"	50.0		110	80-130		4.15	30	
n-Propylbenzene	53.3		"	50.0		107	74-136		5.90	30	
o-Xylene	49.1		"	50.0		98.1	70-130		6.49	30	
p- & m- Xylenes	95.8		"	100		95.8	70-130		7.87	30	
p-Isopropyltoluene	55.6		"	50.0		111	85-125		5.00	30	
sec-Butylbenzene	53.5		"	50.0		107	83-125		6.20	30	
Styrene	50.3		"	50.0		101	70-130		5.47	30	
tert-Butyl alcohol (TBA)	272		"	250		109	70-130		2.09	30	
tert-Butylbenzene	46.2		"	50.0		92.3	80-127		4.96	30	
Tetrachloroethylene	43.8		"	50.0		87.7	70-130		5.52	30	
Toluene	48.0		"	50.0		95.9	70-130		6.08	30	
trans-1,2-Dichloroethylene	46.2		"	50.0		92.4	70-130		6.11	30	
trans-1,3-Dichloropropylene	54.5		"	50.0		109	70-130		5.91	30	
Trichloroethylene	48.0		"	50.0		96.0	70-130		5.88	30	
Trichlorofluoromethane	40.9		"	50.0		81.7	40-160		4.68	30	
Vinyl Chloride	41.9		"	50.0		83.8	70-130		7.97	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.6*		*"*	*50.0*		*107*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40712 - EPA 5030B											
Blank (BJ40712-BLK1) Blank									Prepared & Analyzed: 10/09/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40712 - EPA 5030B											
Blank (BJ40712-BLK1) Blank								Prepared & Analyzed: 10/09/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.46*		*"*	*10.0*		*94.6*	*70-130*				
LCS (BJ40712-BS1) LCS								Prepared & Analyzed: 10/09/2024			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126			30	
1,1,1-Trichloroethane	11.1		"	10.0		111	70-130			20	
1,1,2,2-Tetrachloroethane	9.20		"	10.0		92.0	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	70-130			20	
1,1,2-Trichloroethane	8.80		"	10.0		88.0	70-130			20	
1,1-Dichloroethane	11.1		"	10.0		111	70-130			20	
1,1-Dichloroethylene	12.2		"	10.0		122	70-130			20	
1,1-Dichloropropylene	11.5		"	10.0		115	83-133			30	
1,2,3-Trichlorobenzene	6.96		"	10.0		69.6	70-130	Low Bias		20	
1,2,3-Trichloropropane	9.26		"	10.0		92.6	77-128			30	
1,2,4-Trichlorobenzene	7.65		"	10.0		76.5	70-130			20	
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132			20	
1,2-Dibromo-3-chloropropane	8.72		"	10.0		87.2	40-160			20	
1,2-Dibromoethane	8.64		"	10.0		86.4	70-130			20	
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130			20	
1,2-Dichloroethane	9.52		"	10.0		95.2	70-130			20	
1,2-Dichloropropane	11.1		"	10.0		111	70-130			20	
1,3,5-Trimethylbenzene	12.4		"	10.0		124	80-131			30	
1,3-Dichlorobenzene	10.7		"	10.0		107	70-130			20	
1,3-Dichloropropane	9.16		"	10.0		91.6	81-125			30	
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130			20	
1,4-Dioxane	140		"	210		66.5	40-160			20	
2,2-Dichloropropane	11.8		"	10.0		118	56-150			30	
2-Butanone	9.00		"	10.0		90.0	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40712 - EPA 5030B											
LCS (BJ40712-BS1) LCS								Prepared & Analyzed: 10/09/2024			
2-Chlorotoluene	12.1		ug/L	10.0		121	79-130			30	
2-Hexanone	7.00		"	10.0		70.0	40-160			20	
4-Chlorotoluene	12.0		"	10.0		120	79-128			30	
4-Methyl-2-pentanone	6.38		"	10.0		63.8	40-160			20	
Acetone	8.09		"	10.0		80.9	40-160			20	
Acrolein	1.12		"	10.0		11.2	10-153			30	
Acrylonitrile	8.07		"	10.0		80.7	51-150			30	
Benzene	11.4		"	10.0		114	70-130			20	
Bromobenzene	11.0		"	10.0		110	78-129			30	
Bromochloromethane	9.82		"	10.0		98.2	70-130			20	
Bromodichloromethane	10.1		"	10.0		101	70-130			20	
Bromoform	6.04		"	10.0		60.4	70-130	Low Bias		20	
Bromomethane	11.4		"	10.0		114	40-160			20	
Carbon disulfide	12.6		"	10.0		126	40-160			20	
Carbon tetrachloride	11.4		"	10.0		114	70-130			20	
Chlorobenzene	10.5		"	10.0		105	70-130			20	
Chloroethane	11.4		"	10.0		114	40-160			20	
Chloroform	10.6		"	10.0		106	70-130			20	
Chloromethane	11.4		"	10.0		114	40-160			20	
cis-1,2-Dichloroethylene	11.2		"	10.0		112	70-130			20	
cis-1,3-Dichloropropylene	9.80		"	10.0		98.0	70-130			20	
Cyclohexane	5.57		"	10.0		55.7	70-130	Low Bias		20	
Dibromochloromethane	7.51		"	10.0		75.1	70-130			20	
Dibromomethane	8.96		"	10.0		89.6	72-134			30	
Dichlorodifluoromethane	10.7		"	10.0		107	40-160			20	
Ethyl Benzene	12.0		"	10.0		120	70-130			20	
Hexachlorobutadiene	7.48		"	10.0		74.8	67-146			30	
Isopropylbenzene	13.0		"	10.0		130	70-130			20	
Methyl acetate	7.84		"	10.0		78.4	70-130			20	
Methyl tert-butyl ether (MTBE)	7.80		"	10.0		78.0	70-130			20	
Methylcyclohexane	10.8		"	10.0		108	70-130			20	
Methylene chloride	10.7		"	10.0		107	70-130			20	
n-Butylbenzene	11.3		"	10.0		113	79-132			30	
n-Propylbenzene	12.9		"	10.0		129	78-133			30	
o-Xylene	11.0		"	10.0		110	70-130			20	
p- & m- Xylenes	23.5		"	20.0		118	70-130			20	
p-Isopropyltoluene	12.2		"	10.0		122	81-136			30	
sec-Butylbenzene	12.0		"	10.0		120	79-137			30	
Styrene	11.0		"	10.0		110	70-130			20	
tert-Butyl alcohol (TBA)	22.3		"	50.0		44.6	25-162			30	
tert-Butylbenzene	10.8		"	10.0		108	77-138			30	
Tetrachloroethylene	10.8		"	10.0		108	70-130			20	
Toluene	11.6		"	10.0		116	70-130			20	
trans-1,2-Dichloroethylene	11.5		"	10.0		115	70-130			20	
trans-1,3-Dichloropropylene	9.16		"	10.0		91.6	70-130			20	
Trichloroethylene	11.3		"	10.0		113	70-130			20	
Trichlorofluoromethane	11.8		"	10.0		118	40-160			20	
Vinyl Chloride	11.4		"	10.0		114	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*7.91*		*"*	*10.0*		*79.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40712 - EPA 5030B											
LCS (BJ40712-BS1) LCS								Prepared & Analyzed: 10/09/2024			
LCS Dup (BJ40712-BSD1) LCS Dup								Prepared & Analyzed: 10/09/2024			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		0.192	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	70-130		6.03	20	
1,1,2,2-Tetrachloroethane	9.90		"	10.0		99.0	70-130		7.33	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	70-130		6.79	20	
1,1,2-Trichloroethane	9.85		"	10.0		98.5	70-130		11.3	20	
1,1-Dichloroethane	10.8		"	10.0		108	70-130		3.01	20	
1,1-Dichloroethylene	11.4		"	10.0		114	70-130		7.46	20	
1,1-Dichloropropylene	10.8		"	10.0		108	83-133		5.91	30	
1,2,3-Trichlorobenzene	7.87		"	10.0		78.7	70-130		12.3	20	
1,2,3-Trichloropropane	9.72		"	10.0		97.2	77-128		4.85	30	
1,2,4-Trichlorobenzene	8.16		"	10.0		81.6	70-130		6.45	20	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		14.9	20	
1,2-Dibromo-3-chloropropane	9.10		"	10.0		91.0	40-160		4.26	20	
1,2-Dibromoethane	9.63		"	10.0		96.3	70-130		10.8	20	
1,2-Dichlorobenzene	9.63		"	10.0		96.3	70-130		4.76	20	
1,2-Dichloroethane	10.7		"	10.0		107	70-130		11.9	20	
1,2-Dichloropropane	10.7		"	10.0		107	70-130		3.68	20	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		18.5	30	
1,3-Dichlorobenzene	9.64		"	10.0		96.4	70-130		10.2	20	
1,3-Dichloropropane	10.0		"	10.0		100	81-125		9.17	30	
1,4-Dichlorobenzene	9.34		"	10.0		93.4	70-130		8.41	20	
1,4-Dioxane	201		"	210		95.7	40-160		36.1	20	Non-dir.
2,2-Dichloropropane	11.1		"	10.0		111	56-150		5.85	30	
2-Butanone	11.2		"	10.0		112	40-160		21.6	20	Non-dir.
2-Chlorotoluene	10.1		"	10.0		101	79-130		17.7	30	
2-Hexanone	9.49		"	10.0		94.9	40-160		30.2	20	Non-dir.
4-Chlorotoluene	10.4		"	10.0		104	79-128		15.0	30	
4-Methyl-2-pentanone	8.55		"	10.0		85.5	40-160		29.1	20	Non-dir.
Acetone	11.3		"	10.0		113	40-160		33.2	20	Non-dir.
Acrolein	1.17		"	10.0		11.7	10-153		4.37	30	
Acrylonitrile	10.6		"	10.0		106	51-150		27.2	30	
Benzene	11.1		"	10.0		111	70-130		2.04	20	
Bromobenzene	9.96		"	10.0		99.6	78-129		9.47	30	
Bromochloromethane	11.0		"	10.0		110	70-130		11.6	20	
Bromodichloromethane	10.2		"	10.0		102	70-130		0.984	20	
Bromoform	7.40		"	10.0		74.0	70-130		20.2	20	Non-dir.
Bromomethane	10.4		"	10.0		104	40-160		8.52	20	
Carbon disulfide	11.6		"	10.0		116	40-160		7.84	20	
Carbon tetrachloride	10.7		"	10.0		107	70-130		6.31	20	
Chlorobenzene	9.89		"	10.0		98.9	70-130		5.70	20	
Chloroethane	10.4		"	10.0		104	40-160		9.92	20	
Chloroform	10.7		"	10.0		107	70-130		0.844	20	
Chloromethane	10.2		"	10.0		102	40-160		11.4	20	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130		1.17	20	
cis-1,3-Dichloropropylene	9.99		"	10.0		99.9	70-130		1.92	20	
Cyclohexane	5.30		"	10.0		53.0	70-130	Low Bias	4.97	20	
Dibromochloromethane	8.44		"	10.0		84.4	70-130		11.7	20	
Dibromomethane	9.63		"	10.0		96.3	72-134		7.21	30	
Dichlorodifluoromethane	9.81		"	10.0		98.1	40-160		8.49	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40712 - EPA 5030B											
LCS Dup (BJ40712-BSD1) LCS Dup							Prepared & Analyzed: 10/09/2024				
Ethyl Benzene	11.0		ug/L	10.0		110	70-130		9.13	20	
Hexachlorobutadiene	7.38		"	10.0		73.8	67-146		1.35	30	
Isopropylbenzene	10.4		"	10.0		104	70-130		22.2	20	Non-dir.
Methyl acetate	10.0		"	10.0		100	70-130		24.4	20	Non-dir.
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	70-130		28.8	20	Non-dir.
Methylcyclohexane	9.48		"	10.0		94.8	70-130		13.1	20	
Methylene chloride	11.0		"	10.0		110	70-130		2.94	20	
n-Butylbenzene	9.94		"	10.0		99.4	79-132		12.9	30	
n-Propylbenzene	10.5		"	10.0		105	78-133		20.5	30	
o-Xylene	10.5		"	10.0		105	70-130		4.29	20	
p- & m- Xylenes	21.4		"	20.0		107	70-130		9.25	20	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		17.7	30	
sec-Butylbenzene	9.96		"	10.0		99.6	79-137		18.9	30	
Styrene	10.9		"	10.0		109	70-130		1.00	20	
tert-Butyl alcohol (TBA)	38.2		"	50.0		76.4	25-162		52.5	30	Non-dir.
tert-Butylbenzene	8.94		"	10.0		89.4	77-138		18.8	30	
Tetrachloroethylene	9.46		"	10.0		94.6	70-130		13.1	20	
Toluene	10.4		"	10.0		104	70-130		10.4	20	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	70-130		3.17	20	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	70-130		10.3	20	
Trichloroethylene	9.87		"	10.0		98.7	70-130		13.8	20	
Trichlorofluoromethane	10.8		"	10.0		108	40-160		8.79	20	
Vinyl Chloride	10.3		"	10.0		103	70-130		10.0	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.65*		*"*	*10.0*		*96.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.69*		*"*	*10.0*		*96.9*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40815 - EPA 3550C											
Blank (BJ40815-BLK1) Blank									Prepared & Analyzed: 10/13/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40815 - EPA 3550C											
Blank (BJ40815-BLK1) Blank									Prepared & Analyzed: 10/13/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.18*		"	*1.66*		*70.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*1.66*		*69.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.693*		"	*0.831*		*83.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.654*		"	*0.831*		*78.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.76*		"	*1.66*		*106*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.670*		"	*0.831*		*80.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40815 - EPA 3550C											
LCS (BJ40815-BS1) LCS							Prepared & Analyzed: 10/13/2024				
1,1-Biphenyl	0.608	0.0416	mg/kg wet	0.831		73.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.612	0.0830	"	0.831		73.6	21-131				
1,2,4-Trichlorobenzene	0.637	0.0416	"	1.25		51.1	10-140				
1,2-Dichlorobenzene	0.569	0.0416	"	1.25		45.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.747	0.0416	"	1.25		59.9	17-137				
1,3-Dichlorobenzene	0.561	0.0416	"	1.25		45.1	33-110				
1,4-Dichlorobenzene	0.558	0.0416	"	1.25		44.8	32-104				
2,3,4,6-Tetrachlorophenol	0.852	0.0830	"	1.25		68.4	30-130				
2,4,5-Trichlorophenol	0.687	0.0416	"	1.25		55.1	27-118				
2,4,6-Trichlorophenol	0.706	0.0416	"	1.25		56.7	31-120				
2,4-Dichlorophenol	0.681	0.0416	"	1.25		54.6	20-127				
2,4-Dimethylphenol	0.645	0.0416	"	1.25		51.8	14-132				
2,4-Dinitrophenol	0.103	0.0830	"	1.25		8.27	10-171	Low Bias			
2,4-Dinitrotoluene	0.727	0.0416	"	1.25		58.3	34-131				
2,6-Dinitrotoluene	0.705	0.0416	"	1.25		56.6	31-128				
2-Chloronaphthalene	0.614	0.0416	"	1.25		49.3	31-117				
2-Chlorophenol	0.605	0.0416	"	1.25		48.5	33-113				
2-Methylnaphthalene	0.581	0.0416	"	1.25		46.6	12-138				
2-Methylphenol	0.613	0.0416	"	1.25		49.2	10-136				
2-Nitroaniline	0.665	0.0830	"	1.25		53.4	27-132				
2-Nitrophenol	0.740	0.0416	"	1.25		59.4	17-129				
3- & 4-Methylphenols	0.549	0.0416	"	1.25		44.0	29-103				
3,3-Dichlorobenzidine	0.615	0.0416	"	0.831		74.0	22-149				
3-Nitroaniline	0.567	0.0830	"	1.25		45.5	20-133				
4,6-Dinitro-2-methylphenol	0.653	0.0830	"	1.25		52.5	10-143				
4-Bromophenyl phenyl ether	0.646	0.0416	"	1.25		51.8	29-120				
4-Chloro-3-methylphenol	0.734	0.0416	"	1.25		58.9	24-129				
4-Chloroaniline	0.429	0.0416	"	1.25		34.4	10-132				
4-Chlorophenyl phenyl ether	0.642	0.0416	"	1.25		51.5	27-124				
4-Nitroaniline	0.592	0.0830	"	1.25		47.5	16-128				
4-Nitrophenol	0.723	0.0830	"	1.25		58.0	10-141				
Acenaphthene	0.578	0.0416	"	1.25		46.4	30-121				
Acenaphthylene	0.663	0.0416	"	1.25		53.3	30-115				
Acetophenone	0.581	0.0416	"	0.831		70.0	20-112				
Aniline	0.570	0.166	"	1.25		45.8	10-119				
Anthracene	0.591	0.0416	"	1.25		47.4	34-118				
Atrazine	0.663	0.0416	"	0.831		79.8	26-112				
Benzaldehyde	0.584	0.0416	"	0.831		70.3	21-100				
Benzo(a)anthracene	0.628	0.0416	"	1.25		50.4	32-122				
Benzo(a)pyrene	0.677	0.0416	"	1.25		54.3	29-133				
Benzo(b)fluoranthene	0.691	0.0416	"	1.25		55.4	25-133				
Benzo(g,h,i)perylene	0.692	0.0416	"	1.25		55.5	10-143				
Benzo(k)fluoranthene	0.627	0.0416	"	1.25		50.3	25-128				
Benzoic acid	0.557	0.0416	"	0.831		67.1	10-140				
Benzyl alcohol	0.600	0.0416	"	1.25		48.1	30-115				
Benzyl butyl phthalate	0.736	0.0416	"	1.25		59.1	26-126				
Bis(2-chloroethoxy)methane	0.599	0.0416	"	1.25		48.1	19-132				
Bis(2-chloroethyl)ether	0.544	0.0416	"	1.25		43.6	19-125				
Bis(2-chloroisopropyl)ether	0.546	0.0416	"	1.25		43.8	20-135				
Bis(2-ethylhexyl)phthalate	0.597	0.0416	"	1.25		47.9	10-155				
Caprolactam	0.722	0.0830	"	0.831		86.9	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40815 - EPA 3550C											
LCS (BJ40815-BS1) LCS							Prepared & Analyzed: 10/13/2024				
Carbazole	0.558	0.0416	mg/kg wet	1.25		44.8	35-123				
Chrysene	0.562	0.0416	"	1.25		45.1	32-123				
Dibenzo(a,h)anthracene	0.660	0.0416	"	1.25		53.0	10-136				
Dibenzofuran	0.627	0.0416	"	1.25		50.3	29-121				
Diethyl phthalate	0.689	0.0416	"	1.25		55.3	34-116				
Dimethyl phthalate	0.650	0.0416	"	1.25		52.2	35-124				
Di-n-butyl phthalate	0.660	0.0416	"	1.25		53.0	31-116				
Di-n-octyl phthalate	0.687	0.0416	"	1.25		55.1	26-136				
Fluoranthene	0.599	0.0416	"	1.25		48.1	33-122				
Fluorene	0.621	0.0416	"	1.25		49.8	29-123				
Hexachlorobenzene	0.665	0.0416	"	1.25		53.4	21-124				
Hexachlorobutadiene	0.709	0.0416	"	1.25		56.9	10-149				
Hexachlorocyclopentadiene	0.364	0.0416	"	1.25		29.2	10-129				
Hexachloroethane	0.566	0.0416	"	1.25		45.4	28-108				
Indeno(1,2,3-cd)pyrene	0.741	0.0416	"	1.25		59.4	10-135				
Isophorone	0.617	0.0416	"	1.25		49.5	20-132				
Naphthalene	0.596	0.0416	"	1.25		47.8	23-124				
Nitrobenzene	0.650	0.0416	"	1.25		52.2	13-132				
N-Nitrosodimethylamine	0.424	0.0416	"	1.25		34.0	11-129				
N-nitroso-di-n-propylamine	0.581	0.0416	"	1.25		46.6	24-119				
N-Nitrosodiphenylamine	0.813	0.0416	"	1.25		65.3	22-152				
Pentachlorophenol	0.612	0.0416	"	1.25		49.1	10-139				
Phenanthrene	0.575	0.0416	"	1.25		46.2	33-123				
Phenol	0.631	0.0416	"	1.25		50.6	23-115				
Pyrene	0.596	0.0416	"	1.25		47.8	24-130				
Pyridine	0.308	0.166	"	1.25		24.7	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.14*		*"*	*1.66*		*68.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		*"*	*1.66*		*70.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.693*		*"*	*0.831*		*83.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.662*		*"*	*0.831*		*79.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.78*		*"*	*1.66*		*107*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.669*		*"*	*0.831*		*80.6*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ40816 - EPA 3550C

Blank (BJ40816-BLK1) Blank — Prepared & Analyzed: 10/13/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40816 - EPA 3550C											
Blank (BJ40816-BLK1) Blank									Prepared & Analyzed: 10/13/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.05*		"	*1.66*		*63.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.911*		"	*1.66*		*54.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.523*		"	*0.831*		*63.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.519*		"	*0.831*		*62.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.05*		"	*1.66*		*63.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.528*		"	*0.831*		*63.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40816 - EPA 3550C											
LCS (BJ40816-BS1) LCS								Prepared & Analyzed: 10/13/2024			
1,1-Biphenyl	0.524	0.0416	mg/kg wet	0.831		63.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.487	0.0830	"	0.831		58.6	21-131				
1,2,4-Trichlorobenzene	0.544	0.0416	"	1.25		43.7	10-140				
1,2-Dichlorobenzene	0.490	0.0416	"	1.25		39.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.539	0.0416	"	1.25		43.2	17-137				
1,3-Dichlorobenzene	0.499	0.0416	"	1.25		40.1	33-110				
1,4-Dichlorobenzene	0.502	0.0416	"	1.25		40.3	32-104				
2,3,4,6-Tetrachlorophenol	0.604	0.0830	"	1.25		48.5	30-130				
2,4,5-Trichlorophenol	0.551	0.0416	"	1.25		44.2	27-118				
2,4,6-Trichlorophenol	0.566	0.0416	"	1.25		45.4	31-120				
2,4-Dichlorophenol	0.589	0.0416	"	1.25		47.3	20-127				
2,4-Dimethylphenol	0.636	0.0416	"	1.25		51.0	14-132				
2,4-Dinitrophenol	0.502	0.0830	"	1.25		40.3	10-171				
2,4-Dinitrotoluene	0.558	0.0416	"	1.25		44.8	34-131				
2,6-Dinitrotoluene	0.565	0.0416	"	1.25		45.3	31-128				
2-Chloronaphthalene	0.540	0.0416	"	1.25		43.3	31-117				
2-Chlorophenol	0.547	0.0416	"	1.25		43.9	33-113				
2-Methylnaphthalene	0.497	0.0416	"	1.25		39.9	12-138				
2-Methylphenol	0.508	0.0416	"	1.25		40.8	10-136				
2-Nitroaniline	0.578	0.0830	"	1.25		46.4	27-132				
2-Nitrophenol	0.545	0.0416	"	1.25		43.8	17-129				
3- & 4-Methylphenols	0.444	0.0416	"	1.25		35.6	29-103				
3,3-Dichlorobenzidine	0.443	0.0416	"	0.831		53.3	22-149				
3-Nitroaniline	0.491	0.0830	"	1.25		39.4	20-133				
4,6-Dinitro-2-methylphenol	0.355	0.0830	"	1.25		28.5	10-143				
4-Bromophenyl phenyl ether	0.521	0.0416	"	1.25		41.8	29-120				
4-Chloro-3-methylphenol	0.563	0.0416	"	1.25		45.2	24-129				
4-Chloroaniline	0.418	0.0416	"	1.25		33.5	10-132				
4-Chlorophenyl phenyl ether	0.529	0.0416	"	1.25		42.4	27-124				
4-Nitroaniline	0.543	0.0830	"	1.25		43.6	16-128				
4-Nitrophenol	0.512	0.0830	"	1.25		41.1	10-141				
Acenaphthene	0.529	0.0416	"	1.25		42.5	30-121				
Acenaphthylene	0.572	0.0416	"	1.25		45.9	30-115				
Acetophenone	0.433	0.0416	"	0.831		52.1	20-112				
Aniline	0.439	0.166	"	1.25		35.2	10-119				
Anthracene	0.559	0.0416	"	1.25		44.9	34-118				
Atrazine	0.528	0.0416	"	0.831		63.5	26-112				
Benzaldehyde	0.461	0.0416	"	0.831		55.5	21-100				
Benzo(a)anthracene	0.567	0.0416	"	1.25		45.5	32-122				
Benzo(a)pyrene	0.625	0.0416	"	1.25		50.1	29-133				
Benzo(b)fluoranthene	0.635	0.0416	"	1.25		50.9	25-133				
Benzo(g,h,i)perylene	0.589	0.0416	"	1.25		47.3	10-143				
Benzo(k)fluoranthene	0.613	0.0416	"	1.25		49.2	25-128				
Benzoic acid	0.0761	0.0416	"	0.831		9.16	10-140	Low Bias			
Benzyl alcohol	0.487	0.0416	"	1.25		39.1	30-115				
Benzyl butyl phthalate	0.542	0.0416	"	1.25		43.5	26-126				
Bis(2-chloroethoxy)methane	0.539	0.0416	"	1.25		43.3	19-132				
Bis(2-chloroethyl)ether	0.513	0.0416	"	1.25		41.2	19-125				
Bis(2-chloroisopropyl)ether	0.478	0.0416	"	1.25		38.4	20-135				
Bis(2-ethylhexyl)phthalate	0.552	0.0416	"	1.25		44.3	10-155				
Caprolactam	0.542	0.0830	"	0.831		65.2	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40816 - EPA 3550C											
LCS (BJ40816-BS1) LCS							Prepared & Analyzed: 10/13/2024				
Carbazole	0.559	0.0416	mg/kg wet	1.25		44.9	35-123				
Chrysene	0.556	0.0416	"	1.25		44.6	32-123				
Dibenzo(a,h)anthracene	0.578	0.0416	"	1.25		46.4	10-136				
Dibenzofuran	0.546	0.0416	"	1.25		43.8	29-121				
Diethyl phthalate	0.539	0.0416	"	1.25		43.2	34-116				
Dimethyl phthalate	0.534	0.0416	"	1.25		42.9	35-124				
Di-n-butyl phthalate	0.542	0.0416	"	1.25		43.5	31-116				
Di-n-octyl phthalate	0.582	0.0416	"	1.25		46.7	26-136				
Fluoranthene	0.532	0.0416	"	1.25		42.7	33-122				
Fluorene	0.541	0.0416	"	1.25		43.4	29-123				
Hexachlorobenzene	0.532	0.0416	"	1.25		42.7	21-124				
Hexachlorobutadiene	0.548	0.0416	"	1.25		44.0	10-149				
Hexachlorocyclopentadiene	0.190	0.0416	"	1.25		15.3	10-129				
Hexachloroethane	0.504	0.0416	"	1.25		40.5	28-108				
Indeno(1,2,3-cd)pyrene	0.578	0.0416	"	1.25		46.4	10-135				
Isophorone	0.515	0.0416	"	1.25		41.3	20-132				
Naphthalene	0.555	0.0416	"	1.25		44.6	23-124				
Nitrobenzene	0.541	0.0416	"	1.25		43.4	13-132				
N-Nitrosodimethylamine	0.433	0.0416	"	1.25		34.7	11-129				
N-nitroso-di-n-propylamine	0.422	0.0416	"	1.25		33.8	24-119				
N-Nitrosodiphenylamine	0.598	0.0416	"	1.25		48.0	22-152				
Pentachlorophenol	0.444	0.0416	"	1.25		35.7	10-139				
Phenanthrene	0.547	0.0416	"	1.25		43.9	33-123				
Phenol	0.531	0.0416	"	1.25		42.6	23-115				
Pyrene	0.538	0.0416	"	1.25		43.2	24-130				
Pyridine	0.320	0.166	"	1.25		25.7	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.24*		*"*	*1.66*		*74.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.12*		*"*	*1.66*		*67.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.614*		*"*	*0.831*		*74.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.614*		*"*	*0.831*		*74.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.23*		*"*	*1.66*		*74.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.590*		*"*	*0.831*		*71.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40869 - EPA 3550C											
Blank (BJ40869-BLK1) Blank									Prepared: 10/14/2024 Analyzed: 10/17/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*386*		*"*	*495*		*78.0*	*39-127.5*				
LCS (BJ40869-BS1) LCS									Prepared: 10/14/2024 Analyzed: 10/17/2024		
1,4-Dioxane	484	19.8	ug/kg	495		97.8	40-130				
Surrogate: 1,4-Dioxane-d8	*455*		*"*	*495*		*92.0*	*39-127.5*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40812 - EPA 1633 Prep											
Blank (BJ40812-BLK1) Blank									Prepared: 10/12/2024 Analyzed: 10/15/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.75*		"	*2.33*		*118*	*25-150*				
Surrogate: M5PFHxA	*3.36*		"	*2.50*		*134*	*25-150*				
Surrogate: M4PFHpA	*3.29*		"	*2.50*		*132*	*25-150*				
Surrogate: M3PFHxS	*2.69*		"	*2.37*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.82*		"	*2.50*		*153*	*25-150*				
Surrogate: M6PFDA	*1.41*		"	*1.25*		*113*	*25-150*				
Surrogate: M7PFUdA	*1.34*		"	*1.25*		*107*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.899*		"	*1.25*		*71.9*	*25-150*				
Surrogate: M2PFTeDA	*0.761*		"	*1.25*		*60.9*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40812 - EPA 1633 Prep											
Blank (BJ40812-BLK1) Blank								Prepared: 10/12/2024 Analyzed: 10/15/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.24*		*ug/kg wet*	*10.0*		*92.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.49*		*"*	*2.40*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.01*		*"*	*5.00*		*140*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.96*		*"*	*2.50*		*78.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.35*		*"*	*5.00*		*87.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.10*		*"*	*5.00*		*82.0*	*25-150*				
Surrogate: M2-6:2 FTS	*2.85*		*"*	*4.76*		*59.9*	*25-200*				
Surrogate: M2-8:2 FTS	*4.97*		*"*	*4.80*		*104*	*25-200*				
Surrogate: M9PFNA	*1.32*		*"*	*1.25*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*1.43*		*"*	*4.69*		*30.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.74*		*"*	*2.50*		*69.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.26*		*"*	*2.50*		*50.5*	*25-150*				
Surrogate: M3HFPO-DA	*16.1*		*"*	*10.0*		*161*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.7*		*"*	*25.0*		*55.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.7*		*"*	*25.0*		*70.9*	*25-150*				
LCS (BJ40812-BS1) LCS								Prepared: 10/12/2024 Analyzed: 10/15/2024			
Perfluorobutanesulfonic acid (PFBS)	3.04	0.177	ug/kg wet	3.54		86.0	50-150				
Perfluorohexanoic acid (PFHxA)	3.30	0.200	"	4.00		82.5	50-150				
Perfluoroheptanoic acid (PFHpA)	3.73	0.200	"	4.00		93.3	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.22	0.183	"	3.66		87.9	50-150				
Perfluorooctanoic acid (PFOA)	2.93	0.200	"	4.00		73.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.25	0.186	"	3.72		87.2	50-150				
Perfluorononanoic acid (PFNA)	3.50	0.200	"	4.00		87.5	50-150				
Perfluorodecanoic acid (PFDA)	2.88	0.200	"	4.00		71.9	50-150				
Perfluoroundecanoic acid (PFUnA)	3.89	0.200	"	4.00		97.2	50-150				
Perfluorododecanoic acid (PFDoA)	2.98	0.200	"	4.00		74.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.31	0.200	"	4.00		82.9	50-150				
Perfluorotetradecanoic acid (PFTA)	3.28	0.200	"	4.00		81.9	50-150				
N-MeFOSAA	3.38	0.200	"	4.00		84.6	50-150				
N-EtFOSAA	3.27	0.200	"	4.00		81.7	50-150				
Perfluoropentanoic acid (PFPeA)	6.46	0.400	"	8.00		80.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.57	0.200	"	4.00		64.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.38	0.200	"	3.82		88.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.81	0.193	"	3.86		72.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.9	0.760	"	15.2		84.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	11.9	0.768	"	15.4		77.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	11.9	0.800	"	16.0		74.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.05	0.356	"	7.12		99.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.99	0.400	"	8.00		87.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.35	0.400	"	8.00		29.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	6.54	0.400	"	8.00		81.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.26	0.188	"	3.76		86.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.7	0.750	"	15.0		84.8	50-150				
HFPO-DA (Gen-X)	6.76	0.800	"	8.00		84.5	50-150				
11CL-PF3OUdS	4.04	0.756	"	7.56		53.5	50-150				
9CL-PF3ONS	5.54	0.748	"	7.48		74.1	50-150				
ADONA	5.13	0.756	"	7.56		67.9	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40812 - EPA 1633 Prep											
LCS (BJ40812-BS1) LCS								Prepared: 10/12/2024 Analyzed: 10/15/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.79	0.194	ug/kg wet	3.88		46.2	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.16	0.192	"	3.84		82.3	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	11.6	1.00	"	16.0		72.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	64.6	5.00	"	80.0		80.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	58.2	5.00	"	80.0		72.8	50-150				
N-MeFOSE	28.6	2.00	"	40.0		71.4	50-150				
N-MeFOSA	3.81	0.200	"	4.00		95.2	50-150				
N-EtFOSE	35.0	2.00	"	40.0		87.5	50-150				
N-EtFOSA	3.20	0.200	"	4.00		80.0	50-150				
Surrogate: M3PFBS	*2.31*		"	*2.33*		*99.1*	*25-150*				
Surrogate: M5PFHxA	*3.24*		"	*2.50*		*130*	*25-150*				
Surrogate: M4PFHpA	*3.10*		"	*2.50*		*124*	*25-150*				
Surrogate: M3PFHxS	*2.41*		"	*2.37*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.38*		"	*2.50*		*135*	*25-150*				
Surrogate: M6PFDA	*1.35*		"	*1.25*		*108*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.25*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.914*		"	*1.25*		*73.1*	*25-150*				
Surrogate: M2PFTeDA	*0.609*		"	*1.25*		*48.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.32*		"	*10.0*		*13.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.36*		"	*2.40*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.32*		"	*5.00*		*126*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.61*		"	*2.50*		*105*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.30*		"	*5.00*		*85.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.21*		"	*5.00*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*3.02*		"	*4.76*		*63.4*	*25-200*				
Surrogate: M2-8:2 FTS	*5.93*		"	*4.80*		*123*	*25-200*				
Surrogate: M9PFNA	*1.15*		"	*1.25*		*92.2*	*25-150*				
Surrogate: M2-4:2 FTS	*1.30*		"	*4.69*		*27.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.61*		"	*2.50*		*64.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.33*		"	*2.50*		*53.4*	*25-150*				
Surrogate: M3HFPO-DA	*15.1*		"	*10.0*		*151*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.5*		"	*25.0*		*50.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.0*		"	*25.0*		*64.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40812 - EPA 1633 Prep											
LCS (BJ40812-BS2) LCS								Prepared: 10/12/2024 Analyzed: 10/15/2024			
Perfluorobutanesulfonic acid (PFBS)	0.605	0.177	ug/kg wet	0.708		85.4	50-150				
Perfluorohexanoic acid (PFHxA)	0.661	0.200	"	0.800		82.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.761	0.200	"	0.800		95.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.733	0.183	"	0.732		100	50-150				
Perfluorooctanoic acid (PFOA)	0.716	0.200	"	0.800		89.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.946	0.186	"	0.744		127	50-150				
Perfluorononanoic acid (PFNA)	0.665	0.200	"	0.800		83.2	50-150				
Perfluorodecanoic acid (PFDA)	0.562	0.200	"	0.800		70.2	50-150				
Perfluoroundecanoic acid (PFUnA)	0.667	0.200	"	0.800		83.3	50-150				
Perfluorododecanoic acid (PFDoA)	0.614	0.200	"	0.800		76.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.822	0.200	"	0.800		103	50-150				
Perfluorotetradecanoic acid (PFTA)	0.708	0.200	"	0.800		88.5	50-150				
N-MeFOSAA	0.734	0.200	"	0.800		91.7	50-150				
N-EtFOSAA	0.668	0.200	"	0.800		83.4	50-150				
Perfluoropentanoic acid (PFPeA)	1.37	0.400	"	1.60		85.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.658	0.200	"	0.800		82.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.763	0.200	"	0.764		99.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.760	0.193	"	0.772		98.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.18	0.760	"	3.04		105	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.96	0.768	"	3.07		96.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.30	0.800	"	3.20		71.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.46	0.356	"	1.42		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.47	0.400	"	1.60		91.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.534	0.400	"	1.60		33.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.38	0.400	"	1.60		86.1	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.665	0.188	"	0.752		88.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.07	0.750	"	3.00		102	50-150				
HFPO-DA (Gen-X)	1.26	0.800	"	1.60		78.5	50-150				
11CL-PF3OUdS	1.16	0.756	"	1.51		77.0	50-150				
9CL-PF3ONS	1.39	0.748	"	1.50		92.7	50-150				
ADONA	1.20	0.756	"	1.51		79.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.520	0.194	"	0.776		67.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.698	0.192	"	0.768		90.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.57	1.00	"	3.20		80.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	13.4	5.00	"	16.0		83.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	12.5	5.00	"	16.0		77.8	50-150				
N-MeFOSE	6.69	2.00	"	8.00		83.7	50-150				
N-MeFOSA	0.813	0.200	"	0.800		102	50-150				
N-EtFOSE	7.72	2.00	"	8.00		96.5	50-150				
N-EtFOSA	0.716	0.200	"	0.800		89.5	50-150				
Surrogate: M3PFBS	*2.65*		"	*2.33*		*114*	*25-150*				
Surrogate: M5PFHxA	*3.06*		"	*2.50*		*122*	*25-150*				
Surrogate: M4PFHpA	*2.90*		"	*2.50*		*116*	*25-150*				
Surrogate: M3PFHxS	*2.59*		"	*2.37*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.75*		"	*2.50*		*110*	*25-150*				
Surrogate: M6PFDA	*1.54*		"	*1.25*		*123*	*25-150*				
Surrogate: M7PFUdA	*1.39*		"	*1.25*		*111*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.22*		"	*1.25*		*97.6*	*25-150*				
Surrogate: M2PFTeDA	*0.897*		"	*1.25*		*71.8*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40812 - EPA 1633 Prep											
LCS (BJ40812-BS2) LCS									Prepared: 10/12/2024 Analyzed: 10/15/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.23*		*ug/kg wet*	*10.0*		*12.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.25*		*"*	*2.40*		*94.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.11*		*"*	*5.00*		*122*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.93*		*"*	*2.50*		*77.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.58*		*"*	*5.00*		*91.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.68*		*"*	*5.00*		*93.5*	*25-150*				
Surrogate: M2-6:2 FTS	*2.72*		*"*	*4.76*		*57.2*	*25-200*				
Surrogate: M2-8:2 FTS	*5.00*		*"*	*4.80*		*104*	*25-200*				
Surrogate: M9PFNA	*1.34*		*"*	*1.25*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*1.18*		*"*	*4.69*		*25.2*	*25-150*				
Surrogate: d-N-MeFOSA	*1.79*		*"*	*2.50*		*71.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.37*		*"*	*2.50*		*54.9*	*25-150*				
Surrogate: M3HFPO-DA	*13.3*		*"*	*10.0*		*133*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.8*		*"*	*25.0*		*63.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.6*		*"*	*25.0*		*74.3*	*25-150*				
Batch BJ40813 - EPA 1633 Prep											
Blank (BJ40813-BLK1) Blank									Prepared: 10/12/2024 Analyzed: 10/14/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40813 - EPA 1633 Prep											
Blank (BJ40813-BLK1) Blank									Prepared: 10/12/2024 Analyzed: 10/14/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*36.0*		"	*23.3*		*155*	*25-150*				
Surrogate: M5PFHxA	*36.2*		"	*25.0*		*145*	*25-150*				
Surrogate: M4PFHpA	*32.8*		"	*25.0*		*131*	*25-150*				
Surrogate: M3PFHxS	*33.9*		"	*23.7*		*143*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.2*		"	*25.0*		*133*	*25-150*				
Surrogate: M6PFDA	*19.0*		"	*12.5*		*152*	*25-150*				
Surrogate: M7PFUdA	*16.9*		"	*12.5*		*135*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.7*		"	*12.5*		*102*	*25-150*				
Surrogate: M2PFTeDA	*9.17*		"	*12.5*		*73.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.99*		"	*100*		*2.99*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*32.7*		"	*24.0*		*137*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*35.3*		"	*50.0*		*70.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.0*		"	*25.0*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*58.1*		"	*50.0*		*116*	*25-150*				
Surrogate: d5-N-EtFOSAA	*62.4*		"	*50.0*		*125*	*25-150*				
Surrogate: M2-6:2 FTS	*65.2*		"	*47.6*		*137*	*25-200*				
Surrogate: M2-8:2 FTS	*92.8*		"	*48.0*		*193*	*25-200*				
Surrogate: M9PFNA	*17.1*		"	*12.5*		*136*	*25-150*				
Surrogate: M2-4:2 FTS	*28.9*		"	*46.9*		*61.7*	*25-150*				
Surrogate: d-N-MeFOSA	*21.1*		"	*25.0*		*84.5*	*25-150*				
Surrogate: d-N-EtFOSA	*14.1*		"	*25.0*		*56.4*	*25-150*				
Surrogate: M3HFPO-DA	*170*		"	*100*		*170*	*25-150*				
Surrogate: d9-N-EtFOSE	*157*		"	*250*		*62.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*201*		"	*250*		*80.5*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40813 - EPA 1633 Prep											
LCS (BJ40813-BS1) LCS								Prepared: 10/12/2024 Analyzed: 10/14/2024			
Perfluorobutanesulfonic acid (PFBS)	29.4	1.77	ng/L	35.4		83.0	50-150				
Perfluorohexanoic acid (PFHxA)	34.4	2.00	"	40.0		86.0	50-150				
Perfluoroheptanoic acid (PFHpA)	40.0	2.00	"	40.0		100	50-150				
Perfluorohexanesulfonic acid (PFHxS)	35.2	1.83	"	36.6		96.2	50-150				
Perfluorooctanoic acid (PFOA)	36.3	2.00	"	40.0		90.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	32.3	1.86	"	37.2		86.8	50-150				
Perfluorononanoic acid (PFNA)	33.9	2.00	"	40.0		84.6	50-150				
Perfluorodecanoic acid (PFDA)	28.9	2.00	"	40.0		72.3	50-150				
Perfluoroundecanoic acid (PFUnA)	41.2	2.00	"	40.0		103	50-150				
Perfluorododecanoic acid (PFDoA)	35.5	2.00	"	40.0		88.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	47.1	2.00	"	40.0		118	50-150				
Perfluorotetradecanoic acid (PFTA)	36.5	2.00	"	40.0		91.1	50-150				
N-MeFOSAA	37.0	2.00	"	40.0		92.5	50-150				
N-EtFOSAA	34.2	2.00	"	40.0		85.4	50-150				
Perfluoropentanoic acid (PFPeA)	72.3	4.00	"	80.0		90.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	28.6	2.00	"	40.0		71.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	34.3	1.91	"	38.2		89.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	31.9	1.93	"	38.6		82.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	126	7.60	"	152		83.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	131	7.68	"	154		85.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	82.4	8.00	"	160		51.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	85.5	3.56	"	71.2		120	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	65.6	4.00	"	80.0		82.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.98	4.00	"	80.0		12.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	106	4.00	"	80.0		132	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	35.6	1.88	"	37.6		94.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	134	7.50	"	150		89.3	50-150				
HFPO-DA (Gen-X)	68.5	8.00	"	80.0		85.6	50-150				
11CL-PF3OUdS	53.7	7.56	"	75.6		71.0	50-150				
9CL-PF3ONS	62.5	7.48	"	74.8		83.6	50-150				
ADONA	49.7	7.56	"	75.6		65.7	50-150				
Perfluorododecanesulfonic acid (PFDoS)	21.7	1.94	"	38.8		55.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	34.7	1.92	"	38.4		90.3	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	91.6	5.00	"	160		57.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	692	25.0	"	800		86.5	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	588	25.0	"	800		73.4	50-150				
N-MeFOSE	290	20.0	"	400		72.6	50-150				
N-MeFOSA	40.1	2.00	"	40.0		100	50-150				
N-EtFOSE	367	20.0	"	400		91.7	50-150				
N-EtFOSA	37.8	2.00	"	40.0		94.5	50-150				
Surrogate: M3PFBS	*33.0*		"	*23.3*		*141*	*25-150*				
Surrogate: M5PFHxA	*37.2*		"	*25.0*		*149*	*25-150*				
Surrogate: M4PFHpA	*32.9*		"	*25.0*		*132*	*25-150*				
Surrogate: M3PFHxS	*32.6*		"	*23.7*		*137*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.5*		"	*25.0*		*130*	*25-150*				
Surrogate: M6PFDA	*19.4*		"	*12.5*		*155*	*25-150*				
Surrogate: M7PFUdA	*16.3*		"	*12.5*		*131*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.6*		"	*12.5*		*109*	*25-150*				
Surrogate: M2PFTeDA	*9.79*		"	*12.5*		*78.3*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40813 - EPA 1633 Prep											
LCS (BJ40813-BS1) LCS								Prepared: 10/12/2024 Analyzed: 10/14/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.54*		*ng/L*	*100*		*2.54*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.8*		*"*	*24.0*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*34.3*		*"*	*50.0*		*68.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.4*		*"*	*25.0*		*89.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*47.2*		*"*	*50.0*		*94.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*52.4*		*"*	*50.0*		*105*	*25-150*				
Surrogate: M2-6:2 FTS	*62.4*		*"*	*47.6*		*131*	*25-200*				
Surrogate: M2-8:2 FTS	*84.1*		*"*	*48.0*		*175*	*25-200*				
Surrogate: M9PFNA	*16.5*		*"*	*12.5*		*132*	*25-150*				
Surrogate: M2-4:2 FTS	*28.4*		*"*	*46.9*		*60.5*	*25-150*				
Surrogate: d-N-MeFOSA	*19.2*		*"*	*25.0*		*76.9*	*25-150*				
Surrogate: d-N-EtFOSA	*14.7*		*"*	*25.0*		*58.8*	*25-150*				
Surrogate: M3HFPO-DA	*194*		*"*	*100*		*194*	*25-150*				
Surrogate: d9-N-EtFOSE	*119*		*"*	*250*		*47.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*158*		*"*	*250*		*63.3*	*25-150*				
LCS (BJ40813-BS2) LCS								Prepared: 10/12/2024 Analyzed: 10/14/2024			
Perfluorobutanesulfonic acid (PFBS)	6.10	1.77	ng/L	7.08		86.1	50-150				
Perfluorohexanoic acid (PFHxA)	6.72	2.00	"	8.00		84.0	50-150				
Perfluoroheptanoic acid (PFHpA)	8.83	2.00	"	8.00		110	50-150				
Perfluorohexanesulfonic acid (PFHxS)	7.47	1.83	"	7.32		102	50-150				
Perfluorooctanoic acid (PFOA)	7.30	2.00	"	8.00		91.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	7.30	1.86	"	7.44		98.2	50-150				
Perfluorononanoic acid (PFNA)	8.14	2.00	"	8.00		102	50-150				
Perfluorodecanoic acid (PFDA)	5.70	2.00	"	8.00		71.2	50-150				
Perfluoroundecanoic acid (PFUnA)	8.60	2.00	"	8.00		107	50-150				
Perfluorododecanoic acid (PFDoA)	7.09	2.00	"	8.00		88.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	11.0	2.00	"	8.00		137	50-150				
Perfluorotetradecanoic acid (PFTA)	8.91	2.00	"	8.00		111	50-150				
N-MeFOSAA	6.84	2.00	"	8.00		85.5	50-150				
N-EtFOSAA	7.10	2.00	"	8.00		88.7	50-150				
Perfluoropentanoic acid (PFPeA)	14.5	4.00	"	16.0		90.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.99	2.00	"	8.00		74.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.80	1.91	"	7.64		89.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.84	1.93	"	7.72		75.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	27.9	7.60	"	30.4		91.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	30.2	7.68	"	30.7		98.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	18.0	8.00	"	32.0		56.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	16.4	3.56	"	14.2		115	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	14.4	4.00	"	16.0		89.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.32	4.00	"	16.0		14.5	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	20.9	4.00	"	16.0		131	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.21	1.88	"	7.52		95.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	28.8	7.50	"	30.0		95.9	50-150				
HFPO-DA (Gen-X)	12.2	8.00	"	16.0		76.0	50-150				
11CL-PF3OUdS	9.34	7.56	"	15.1		61.8	50-150				
9CL-PF3ONS	11.3	7.48	"	15.0		75.5	50-150				
ADONA	9.48	7.56	"	15.1		62.7	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40813 - EPA 1633 Prep											
LCS (BJ40813-BS2) LCS								Prepared: 10/12/2024 Analyzed: 10/14/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.99	1.94	ng/L	7.76		38.5	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	6.74	1.92	"	7.68		87.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	17.2	5.00	"	32.0		53.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	141	25.0	"	160		87.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	111	25.0	"	160		69.1	50-150				
N-MeFOSE	66.6	20.0	"	80.0		83.3	50-150				
N-MeFOSA	10.3	2.00	"	8.00		129	50-150				
N-EtFOSE	70.4	20.0	"	80.0		88.0	50-150				
N-EtFOSA	7.72	2.00	"	8.00		96.5	50-150				
Surrogate: M3PFBS	*34.5*		*"*	*23.3*		*148*	*25-150*				
Surrogate: M5PFHxA	*36.1*		*"*	*25.0*		*144*	*25-150*				
Surrogate: M4PFHpA	*32.8*		*"*	*25.0*		*131*	*25-150*				
Surrogate: M3PFHxS	*33.7*		*"*	*23.7*		*142*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.3*		*"*	*25.0*		*137*	*25-150*				
Surrogate: M6PFDA	*22.8*		*"*	*12.5*		*182*	*25-150*				
Surrogate: M7PFUdA	*18.8*		*"*	*12.5*		*150*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.5*		*"*	*12.5*		*116*	*25-150*				
Surrogate: M2PFTeDA	*7.64*		*"*	*12.5*		*61.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.63*		*"*	*100*		*3.63*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*35.1*		*"*	*24.0*		*147*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*38.4*		*"*	*50.0*		*76.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.3*		*"*	*25.0*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*54.3*		*"*	*50.0*		*109*	*25-150*				
Surrogate: d5-N-EtFOSAA	*58.0*		*"*	*50.0*		*116*	*25-150*				
Surrogate: M2-6:2 FTS	*60.6*		*"*	*47.6*		*127*	*25-200*				
Surrogate: M2-8:2 FTS	*77.5*		*"*	*48.0*		*161*	*25-200*				
Surrogate: M9PFNA	*16.0*		*"*	*12.5*		*128*	*25-150*				
Surrogate: M2-4:2 FTS	*27.2*		*"*	*46.9*		*58.0*	*25-150*				
Surrogate: d-N-MeFOSA	*22.4*		*"*	*25.0*		*89.4*	*25-150*				
Surrogate: d-N-EtFOSA	*17.3*		*"*	*25.0*		*69.2*	*25-150*				
Surrogate: M3HFPO-DA	*199*		*"*	*100*		*199*	*25-150*				
Surrogate: d9-N-EtFOSE	*96.4*		*"*	*250*		*38.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*134*		*"*	*250*		*53.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40666 - EPA 3550C											
Blank (BJ40666-BLK1) Blank									Prepared & Analyzed: 10/10/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0397*		"	*0.0664*		*59.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0569*		"	*0.0664*		*85.7*	*30-150*				
LCS (BJ40666-BS1) LCS									Prepared & Analyzed: 10/10/2024		
4,4'-DDD	0.0251	0.00164	mg/kg wet	0.0332		75.7	40-140				
4,4'-DDE	0.0252	0.00164	"	0.0332		76.0	40-140				
4,4'-DDT	0.0275	0.00164	"	0.0332		82.9	40-140				
Aldrin	0.0258	0.00164	"	0.0332		77.6	40-140				
alpha-BHC	0.0279	0.00164	"	0.0332		83.9	40-140				
alpha-Chlordane	0.0259	0.00164	"	0.0332		77.9	40-140				
beta-BHC	0.0316	0.00164	"	0.0332		95.2	40-140				
delta-BHC	0.0270	0.00164	"	0.0332		81.4	40-140				
Dieldrin	0.0254	0.00164	"	0.0332		76.3	40-140				
Endosulfan I	0.0269	0.00164	"	0.0332		80.9	40-140				
Endosulfan II	0.0285	0.00164	"	0.0332		85.8	40-140				
Endosulfan sulfate	0.0271	0.00164	"	0.0332		81.5	40-140				
Endrin	0.0264	0.00164	"	0.0332		79.3	40-140				
Endrin aldehyde	0.0306	0.00164	"	0.0332		92.0	40-140				
Endrin ketone	0.0276	0.00164	"	0.0332		83.2	40-140				
gamma-BHC (Lindane)	0.0279	0.00164	"	0.0332		84.0	40-140				
gamma-Chlordane	0.0257	0.00164	"	0.0332		77.3	40-140				
Heptachlor	0.0281	0.00164	"	0.0332		84.4	40-140				
Heptachlor epoxide	0.0267	0.00164	"	0.0332		80.4	40-140				
Methoxychlor	0.0290	0.00164	"	0.0332		87.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0400*		"	*0.0664*		*60.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0561*		"	*0.0664*		*84.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40666 - EPA 3550C											
Blank (BJ40666-BLK2) Blank									Prepared: 10/10/2024 Analyzed: 10/11/2024		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0747*		*"*	*0.0667*		*112*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0507*		*"*	*0.0667*		*76.0*	*30-120*				
LCS (BJ40666-BS2) LCS									Prepared: 10/10/2024 Analyzed: 10/11/2024		
Aroclor 1016	0.331	0.0166	mg/kg wet	0.332		99.6	40-130				
Aroclor 1260	0.334	0.0166	"	0.332		101	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0678*		*"*	*0.0664*		*102*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0468*		*"*	*0.0664*		*70.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40657 - EPA 3550C/8151A											
Blank (BJ40657-BLK1) Blank								Prepared & Analyzed: 10/10/2024			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.390*		*"*	*0.417*		*93.6*	*21-150*				
LCS (BJ40657-BS1) LCS								Prepared & Analyzed: 10/10/2024			
2,4,5-T	0.0567	0.0200	mg/kg wet	0.0667		85.0	10-120				
2,4,5-TP (Silvex)	0.0625	0.0200	"	0.0667		93.8	10-120				
2,4-D	0.0567	0.0200	"	0.0667		85.0	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.388*		*"*	*0.417*		*93.0*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40826 - EPA 3050B											
Blank (BJ40826-BLK1) Blank									Prepared: 10/13/2024 Analyzed: 10/14/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BJ40826-SRM1) Reference									Prepared: 10/13/2024 Analyzed: 10/14/2024		
Aluminum	6880	4.17	mg/kg wet	7680		89.6	35.7-119				
Antimony	67.7	2.08	"	244		27.8	0-99.5				
Arsenic	251	1.25	"	283		88.6	69.9-101.4				
Barium	292	2.08	"	326		89.6	73.9-107.1				
Beryllium	154	0.042	"	175		87.9	75.4-107.4				
Cadmium	85.5	0.250	"	95.8		89.2	72.3-103.7				
Calcium	5190	4.17	"	5470		95.0	79.5-113.2				
Chromium	224	0.417	"	239		93.9	72.4-106.3				
Cobalt	145	0.333	"	150		96.9	76-107.3				
Copper	224	1.67	"	217		103	74.7-105.1				
Iron	6410	20.8	"	7360		87.1	53-127.9				
Lead	194	0.417	"	210		92.3	75.7-109.5				
Magnesium	1900	4.17	"	2080		91.2	67.3-111.1				
Manganese	273	0.417	"	290		94.1	73.4-108.3				
Nickel	310	0.830	"	329		94.1	74.5-106.7				
Potassium	2360	4.17	"	2330		101	60.9-111.6				
Selenium	276	2.08	"	281		98.3	77.6-116.7				
Silver	79.2	0.420	"	82.7		95.7	73.7-111.7				
Sodium	502	41.7	"	427		118	71.2-118.7				
Thallium	103	2.08	"	123		83.9	70.2-104.8				
Vanadium	173	0.830	"	192		90.2	68.8-107.8				
Zinc	236	2.08	"	260		90.9	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40601 - EPA 7473 soil											
Blank (BJ40601-BLK1) Blank									Prepared: 10/09/2024 Analyzed: 10/10/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ40601-SRM1) Reference									Prepared: 10/09/2024 Analyzed: 10/10/2024		
Mercury	15.268		mg/kg	18.2		83.9	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40554 - Analysis Preparation Soil											
Blank (BJ40554-BLK1) Blank								Prepared & Analyzed: 10/09/2024			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BJ40554-SRM1) Reference								Prepared & Analyzed: 10/09/2024			
Cyanide, total	43.8		ug/mL	59.7		73.3	38.5-161.4				
Batch BJ40592 - EPA SW846-3060											
Blank (BJ40592-BLK1) Blank								Prepared & Analyzed: 10/09/2024			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BJ40592-SRM1) Reference								Prepared & Analyzed: 10/09/2024			
Chromium, Hexavalent	223		mg/L	227		98.2	42.3-157.7				
Batch BJ40638 - Analysis Preparation Soil											
Blank (BJ40638-BLK1) Blank								Prepared & Analyzed: 10/10/2024			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BJ40638-SRM1) Reference								Prepared & Analyzed: 10/10/2024			
Cyanide, total	42.7		ug/mL	59.7		71.5	38.5-161.4				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J0555-01	PE44_20.0	40mL Vial with Stir Bar-Cool 4° C
24J0555-02	PE45_19.5	40mL Vial with Stir Bar-Cool 4° C
24J0555-03	PE53_19.0	40mL Vial with Stir Bar-Cool 4° C
24J0555-04	PE62_18.0	40mL Vial with Stir Bar-Cool 4° C
24J0555-06	TB_10082024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-D	The surrogates were spiked at twice the normal concentration and recovery is within limits.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

YORK Project Number: 2430555

Report To:
Company: LANGAN
Address: 300 Kimball Drive Parsippany, NJ 07054
Phone: 973-560-4900
Contact: Lauren Kott
E-mail: lkott@langan.com

Invoice To:
Company:
Address:
Phone:
Contact:
E-mail:

YOUR Project Name / Number: 100688801 / 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time
RUSH - Next Day [ ]
RUSH - Two Day [ ]
RUSH - Three Day [ ]
RUSH - Four Day [ ]
RUSH - Five Day [ ]
Standard (6-9 Day) [X]
PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANDREW ASHLEY

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	SVOCs	Pesticides & Herbicides	PCBs	CN	TAL Metals	Cr^{3+} / Cr^{6+}	PFAS	1,4-Dioxane			Grab or Comp.
PE44-20.0	10/8/24	1330	S	3		1								X	X	X	X	X	X	X	X	X			
PE45-19.5		1345	S	3		1								X	X	X	X	X	X	X	X	X			
PE53-19.0		1400	S	3		1								X	X	X	X	X	X	X	X	X			
~~PE62-19.0~~ PE62-18.0		1415	S	3		1								X	X	X	X	X	X	X	X	X			
EB-10082024	10/8/24	1430	Aqueous	2																	X				
TB-10082024	10/8/24				2									X											

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

Report Type (circle)
QA Report
Summary (Results Only)
NY ASP B Package
NJ Reduced
NJ DKQP
NJ Full
CT RCP

EDD Type (circle)
EQuIS (standard)
NYSDEC EQuIS
NJDEP SRP Haz Site
Standard Excel
CMDP
Other:

Field Filtered [ ]
Lab Filtered [ ]

Comments:

Samples iced/chilled at time of lab pickup (circle) Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Andrew Ashley / Langan	Date/Time: 10/8/24 1515	1. Samples Received by / Company:	Date/Time: 10/8/24 1515
2. Samples Received by / Company: YMJ	Date/Time: 10/8/24 1600 4.1C	2. Samples Relinquished by / Company:	Date/Time: 1600
3. Samples Relinquished by / Company: YMJ	Date/Time: 10/8/24 1800	3. Samples Received by / Company:	Date/Time: 10/8/24 1800
4. Samples Relinquished by / Company:	Date/Time: 10/8/24 2020	4. Samples Received by / Company:	Date/Time:
		Samples Received in LAB by:	Date/Time: 10/8/24 20:20 Temperature: 5.4C Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/18/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0664

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 10/18/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0664

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 09, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J0664-01	PE61_19	Soil	10/09/2024	10/09/2024
24J0664-02	PE64_16	Soil	10/09/2024	10/09/2024
24J0664-03	PE70_18	Soil	10/09/2024	10/09/2024
24J0664-04	EB_10092024	Water	10/09/2024	10/09/2024
24J0664-05	TB_10092024	Water	10/09/2024	10/09/2024

General Notes for York Project (SDG) No.: 24J0664

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 10/18/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.093	0.19	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.013**		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.067**	ICVE	mg/kg dry	0.0093	0.019	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0093	0.019	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0093	0.019	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0093	0.019	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0046	0.0093	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.014	0.028	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.109	0.218	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND	CCVE	mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.219	0.438	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.219	0.438	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0848**	J	mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0577**	J	mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0778**	J	mg/kg dry	0.0548	0.109	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.219	0.438	2	EPA 8270D	10/14/2024 08:34	10/15/2024 13:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*59.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*51.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/14/2024 08:32	10/17/2024 16:24	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.146	0.233	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:24	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0697	0.263	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.138	0.263	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.235	0.241	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:24	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.226	0.263	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:24	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.220	0.245	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.249	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.251	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.260	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.214	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.164	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.135	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.195	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.255	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.143	0.526	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.192	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.204	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.251	0.254	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.782	0.999	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.993	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.143	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.183	0.468	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:24	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.254	0.526	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:24	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0815	0.526	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:24	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.126	0.526	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:24	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.206	0.247	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.782	0.986	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.800	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.409	0.994	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.324	0.984	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.229	0.994	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.222	0.255	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:24	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.163	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:24	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.834	1.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:24	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.76	6.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:24	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.97	6.58	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:24	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.804	2.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:24	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.237	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:24	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.917	2.63	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:24	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.260	0.263	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:24	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*112 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*113 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*131 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*123 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*115 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*111 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*95.2 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*109 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*124 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*118 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*87.2 %*	*10-150*

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.2 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*107 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*89.9 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*125 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*33.7 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*50.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*40.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*136 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*52.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.213	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0216	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0216	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0216	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0216	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0216	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0216	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0216	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:02	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0216	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:02	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0260	1	EPA 8151A	10/11/2024 08:58	10/12/2024 15:56	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0260	1	EPA 8151A	10/11/2024 08:58	10/12/2024 15:56	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0260	1	EPA 8151A	10/11/2024 08:58	10/12/2024 15:56	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*72.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5320**		mg/kg dry	5.48	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.74	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**13.0**		mg/kg dry	1.64	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**403**		mg/kg dry	2.74	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.542**		mg/kg dry	0.055	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.833**		mg/kg dry	0.329	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**5910**		mg/kg dry	5.48	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**32.8**		mg/kg dry	0.548	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.53**		mg/kg dry	0.438	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**119**		mg/kg dry	2.19	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**21800**		mg/kg dry	27.4	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**455**		mg/kg dry	0.548	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**659**		mg/kg dry	5.48	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**179**		mg/kg dry	0.548	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**44.7**		mg/kg dry	1.09	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**570**		mg/kg dry	5.48	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**3.10**		mg/kg dry	2.74	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.552	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**294**		mg/kg dry	54.8	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.74	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**28.1**		mg/kg dry	1.09	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**349**		mg/kg dry	2.73	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:36	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.153**		mg/kg dry	0.0395	1	EPA 7473	10/11/2024 12:22	10/12/2024 16:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.658	1	EPA 7196A	10/14/2024 14:42	10/14/2024 23:05	SHS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE61_19 **York Sample ID:** 24J0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 1:30 pm	10/09/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**32.8**		mg/kg	0.500	1	Calculation	10/15/2024 09:35	10/15/2024 16:53	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.658	1	EPA 9014/9010C	10/10/2024 14:57	10/10/2024 19:41	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**76.0**		%	0.100	1	SM 2540G	10/10/2024 10:20	10/10/2024 13:59	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0094**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.012**	ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	10/11/2024 11:53	10/11/2024 17:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0996	0.199	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0996	0.199	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0996	0.199	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0996	0.199	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND	CCVE	mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0996	0.199	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0996	0.199	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0996	0.199	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0996	0.199	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.199	0.399	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.199	0.399	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0996	0.199	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0499	0.0996	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.199	0.399	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	10/14/2024 08:32	10/17/2024 16:41	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*76.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.133	0.211	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:40	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0633	0.239	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.125	0.239	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.214	0.219	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:40	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.205	0.239	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:40	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.199	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.226	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.228	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.236	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.195	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.149	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.123	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.177	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.232	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.130	0.478	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.174	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.185	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.228	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.710	0.907	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.901	0.917	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.130	0.955	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.166	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:40	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.230	0.478	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:40	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0740	0.478	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:40	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.115	0.478	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:40	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.187	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.710	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.726	0.955	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.371	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.294	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.208	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.202	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:40	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.148	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:40	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.757	1.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:40	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.51	5.97	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:40	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.79	5.97	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:40	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.730	2.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:40	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.215	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:40	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.832	2.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:40	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.236	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:40	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*106 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*93.4 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*126 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*123 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*134 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*103 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*73.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*10.3 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*115 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*109 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*97.6 %*		*10-150*

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*104 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*114 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*54.7 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*120 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*25.2 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*57.0 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*47.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*139 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*60.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*73.0 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.196	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:16	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:16	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0236	1	EPA 8151A	10/11/2024 08:58	10/12/2024 16:03	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0236	1	EPA 8151A	10/11/2024 08:58	10/12/2024 16:03	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0236	1	EPA 8151A	10/11/2024 08:58	10/12/2024 16:03	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*89.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10700**		mg/kg dry	4.97	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.49	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.47**		mg/kg dry	1.49	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**26.8**		mg/kg dry	2.48	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.050	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.299	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**608**		mg/kg dry	4.98	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**20.6**		mg/kg dry	0.498	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.69**		mg/kg dry	0.398	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**13.0**		mg/kg dry	1.99	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**11800**		mg/kg dry	24.9	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**261**		mg/kg dry	0.498	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1800**		mg/kg dry	4.98	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**59.1**		mg/kg dry	0.498	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.9**		mg/kg dry	0.991	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**608**		mg/kg dry	4.98	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.49	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.501	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**140**		mg/kg dry	49.8	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.49	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**22.7**		mg/kg dry	0.991	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**33.5**		mg/kg dry	2.48	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0358	1	EPA 7473	10/11/2024 12:22	10/12/2024 16:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.597	1	EPA 7196A	10/14/2024 14:42	10/14/2024 23:05	SHS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE64_16 **York Sample ID:** 24J0664-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:00 pm	10/09/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**20.6**		mg/kg	0.500	1	Calculation	10/15/2024 09:35	10/15/2024 16:53	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.597	1	EPA 9014/9010C	10/10/2024 14:57	10/10/2024 19:41	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**83.7**		%	0.100	1	SM 2540G	10/10/2024 10:20	10/10/2024 13:59	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **PE70_18** **York Sample ID:** **24J0664-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0058**		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.028**	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0057	0.011	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C	10/11/2024 11:53	10/11/2024 18:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0920	0.184	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.0581**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.239**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.233**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.322**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.230**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.171**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.110**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.198**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.102**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.0978**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.324**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.118**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**1.11**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.235**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.121**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0846**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.39**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.915**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	10/14/2024 08:34	10/15/2024 14:56	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*59.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	10/14/2024 08:32	10/17/2024 16:58	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:56	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0587	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.203	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:56	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3	10/12/2024 09:56	10/15/2024 20:56	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.215	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.659	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.836	0.850	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.394	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:56	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.214	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:56	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0686	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:56	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:56	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.659	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.673	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.344	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.272	0.828	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:56	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/12/2024 09:56	10/15/2024 20:56	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.702	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:56	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.32	5.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:56	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:56	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.676	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:56	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:56	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.772	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:56	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/12/2024 09:56	10/15/2024 20:56	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*108 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*125 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*130 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*132 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*129 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*96.5 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*79.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*48.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*131 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*123 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*85.2 %*	*10-150*

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*100 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*59.7 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*123 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*107 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*24.3 %*	PFSu-L		*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*58.2 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*44.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*129 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*54.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*60.3 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	10/14/2024 10:14	10/14/2024 17:39	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	10/14/2024 10:14	10/14/2024 18:30	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-120*

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	10/11/2024 08:58	10/12/2024 16:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	10/11/2024 08:58	10/12/2024 16:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	10/11/2024 08:58	10/12/2024 16:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*74.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6640**		mg/kg dry	4.61	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.32**		mg/kg dry	1.38	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**84.5**		mg/kg dry	2.30	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.02**		mg/kg dry	0.277	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**3030**		mg/kg dry	4.61	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.2**		mg/kg dry	0.462	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.99**		mg/kg dry	0.369	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**33.1**		mg/kg dry	1.85	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**12100**		mg/kg dry	23.1	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**88.7**		mg/kg dry	0.462	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1900**		mg/kg dry	4.62	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**136**		mg/kg dry	0.462	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.1**		mg/kg dry	0.919	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**545**		mg/kg dry	4.62	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**115**		mg/kg dry	46.1	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.9**		mg/kg dry	0.919	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**178**		mg/kg dry	2.30	1	EPA 6010D	10/14/2024 15:04	10/15/2024 12:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.152**		mg/kg dry	0.0332	1	EPA 7473	10/11/2024 12:22	10/12/2024 16:34	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	10/14/2024 14:42	10/14/2024 23:05	SHS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE70_18 **York Sample ID:** 24J0664-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Soil	October 9, 2024 2:15 pm	10/09/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	14.2		mg/kg	0.500	1	Calculation	10/15/2024 09:35	10/15/2024 16:53	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C	10/10/2024 14:57	10/10/2024 19:41	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.3		%	0.100	1	SM 2540G	10/10/2024 10:20	10/10/2024 13:59	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: EB_10092024 **York Sample ID:** 24J0664-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Water	October 9, 2024 2:30 pm	10/09/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.443	1.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.330	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.669	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.640	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.395	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.772	1.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.490	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.706	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.06	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.829	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.697	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.650	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.744	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.970	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.217	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.829	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.857	1.80	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.24	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.998	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.93	7.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.311	7.53	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM

Sample Information

Client Sample ID: EB_10092024 **York Sample ID:** 24J0664-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Water	October 9, 2024 2:30 pm	10/09/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.471	3.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/13/2024 12:10	10/16/2024 01:14	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.02	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/13/2024 12:10	10/16/2024 01:14	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.235	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/13/2024 12:10	10/16/2024 01:14	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.348	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/13/2024 12:10	10/16/2024 01:14	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.716	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.69	7.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.04	7.53	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.30	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.659	7.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
919005-14-4	ADONA	ND		ng/L	0.499	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.876	1.83	1	EPA 1633 Draft 3 Certifications:	10/13/2024 12:10	10/16/2024 01:14	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.810	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/13/2024 12:10	10/16/2024 01:14	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.91	4.71	1	EPA 1633 Draft 3 Certifications:	10/13/2024 12:10	10/16/2024 01:14	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.90	23.5	1	EPA 1633 Draft 3 Certifications:	10/13/2024 12:10	10/16/2024 01:14	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.92	23.5	1	EPA 1633 Draft 3 Certifications:	10/13/2024 12:10	10/16/2024 01:14	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.76	18.8	1	EPA 1633 Draft 3 Certifications:	10/13/2024 12:10	10/16/2024 01:14	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.49	1.88	1	EPA 1633 Draft 3 Certifications:	10/13/2024 12:10	10/16/2024 01:14	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.76	18.8	1	EPA 1633 Draft 3 Certifications:	10/13/2024 12:10	10/16/2024 01:14	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.69	1.88	1	EPA 1633 Draft 3 Certifications:	10/13/2024 12:10	10/16/2024 01:14	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*136 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*156 %*	PFSu-H	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*148 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*155 %*	PFSu-H	*25-150*

Sample Information

Client Sample ID: EB_10092024 **York Sample ID:** 24J0664-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Water	October 9, 2024 2:30 pm	10/09/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*153 %*	PFSu-H		*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*167 %*	PFSu-H		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*169 %*	PFSu-H		*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*130 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.05 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*151 %*	PFSu-H		*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*88.6 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*136 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*139 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*145 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*58.5 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*130 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*153 %*	PFSu-H		*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*29.4 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*94.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*94.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*194 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*92.9 %*			*25-150*						

Sample Information

Client Sample ID: TB_10092024 **York Sample ID:** 24J0664-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Water	October 9, 2024 2:50 pm	10/09/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10092024 **York Sample ID:** 24J0664-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Water	October 9, 2024 2:50 pm	10/09/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE, QL-02	ug/L	0.421	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**0.720**		ug/L	0.422	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10092024 **York Sample ID:** 24J0664-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Water	October 9, 2024 2:50 pm	10/09/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10092024 **York Sample ID:** 24J0664-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0664	100688801	Water	October 9, 2024 2:50 pm	10/09/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/10/2024 10:10	10/10/2024 13:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*86.5 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.1 %*	*70-130*

Analytical Batch Summary

Batch ID: BI41928 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-05	TB_10092024	10/10/24
BI41928-BLK1	Blank	10/10/24
BI41928-BS1	LCS	10/10/24
BI41928-BSD1	LCS Dup	10/10/24

Batch ID: BJ40678 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-01	PE61_19	10/10/24
24J0664-02	PE64_16	10/10/24
24J0664-03	PE70_18	10/10/24
BJ40678-DUP1	Duplicate	10/10/24

Batch ID: BJ40702 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-01	PE61_19	10/10/24
24J0664-02	PE64_16	10/10/24
24J0664-03	PE70_18	10/10/24
BJ40702-BLK1	Blank	10/10/24
BJ40702-SRM1	Reference	10/10/24

Batch ID: BJ40752 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-01	PE61_19	10/11/24
24J0664-02	PE64_16	10/11/24
24J0664-03	PE70_18	10/11/24
BJ40752-BLK1	Blank	10/11/24
BJ40752-BS1	LCS	10/11/24

Batch ID: BJ40770 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-01	PE61_19	10/11/24
24J0664-02	PE64_16	10/11/24
24J0664-03	PE70_18	10/11/24
BJ40770-BLK1	Blank	10/11/24
BJ40770-SRM1	Reference	10/11/24

Batch ID: BJ40812 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-01	PE61_19	10/12/24
24J0664-02	PE64_16	10/12/24
24J0664-03	PE70_18	10/12/24
BJ40812-BLK1	Blank	10/12/24
BJ40812-BS1	LCS	10/12/24
BJ40812-BS2	LCS	10/12/24

Batch ID: BJ40832 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-04	EB_10092024	10/13/24
BJ40832-BLK1	Blank	10/13/24
BJ40832-BS1	LCS	10/13/24
BJ40832-BS2	LCS	10/13/24
BJ40832-DUP1	Duplicate	10/13/24

Batch ID: BJ40846 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-01	PE61_19	10/11/24
24J0664-02	PE64_16	10/11/24
24J0664-03	PE70_18	10/11/24
BJ40846-BLK1	Blank	10/11/24
BJ40846-BS1	LCS	10/11/24
BJ40846-BSD1	LCS Dup	10/11/24

Batch ID: BJ40869 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-01	PE61_19	10/14/24
24J0664-02	PE64_16	10/14/24
24J0664-03	PE70_18	10/14/24
BJ40869-BLK1	Blank	10/14/24
BJ40869-BS1	LCS	10/14/24

Batch ID: BJ40871 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-01	PE61_19	10/14/24
24J0664-02	PE64_16	10/14/24
24J0664-03	PE70_18	10/14/24
BJ40871-BLK1	Blank	10/14/24
BJ40871-BS1	LCS	10/14/24

Batch ID: BJ40888 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-01	PE61_19	10/14/24
24J0664-01	PE61_19	10/14/24
24J0664-02	PE64_16	10/14/24
24J0664-02	PE64_16	10/14/24
24J0664-03	PE70_18	10/14/24
24J0664-03	PE70_18	10/14/24
BJ40888-BLK1	Blank	10/14/24
BJ40888-BLK2	Blank	10/14/24
BJ40888-BS1	LCS	10/14/24
BJ40888-BS2	LCS	10/14/24
BJ40888-MS1	Matrix Spike	10/14/24
BJ40888-MS2	Matrix Spike	10/14/24
BJ40888-MSD1	Matrix Spike Dup	10/14/24
BJ40888-MSD2	Matrix Spike Dup	10/14/24

Batch ID: BJ40905 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-01	PE61_19	10/14/24
24J0664-02	PE64_16	10/14/24
24J0664-03	PE70_18	10/14/24
BJ40905-BLK1	Blank	10/14/24
BJ40905-SRM1	Reference	10/14/24

Batch ID: BJ40910 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-01	PE61_19	10/14/24
24J0664-02	PE64_16	10/14/24
24J0664-03	PE70_18	10/14/24
BJ40910-BLK1	Blank	10/14/24
BJ40910-SRM1	Reference	10/14/24

Batch ID: BJ40971 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
24J0664-01	PE61_19	10/15/24
24J0664-02	PE64_16	10/15/24
24J0664-03	PE70_18	10/15/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41928 - EPA 5030B											
Blank (BI41928-BLK1) Blank									Prepared & Analyzed: 10/10/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41928 - EPA 5030B											
Blank (BI41928-BLK1) Blank								Prepared & Analyzed: 10/10/2024			
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.70*		*"*	*10.0*		*97.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.78*		*"*	*10.0*		*97.8*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.76*		*"*	*10.0*		*97.6*	*70-130*				
LCS (BI41928-BS1) LCS								Prepared & Analyzed: 10/10/2024			
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82-126			30	
1,1,1-Trichloroethane	11.3		"	10.0		113	70-130			20	
1,1,2,2-Tetrachloroethane	9.35		"	10.0		93.5	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	70-130			20	
1,1,2-Trichloroethane	9.08		"	10.0		90.8	70-130			20	
1,1-Dichloroethane	11.1		"	10.0		111	70-130			20	
1,1-Dichloroethylene	12.2		"	10.0		122	70-130			20	
1,1-Dichloropropylene	11.8		"	10.0		118	83-133			30	
1,2,3-Trichlorobenzene	7.14		"	10.0		71.4	70-130			20	
1,2,3-Trichloropropane	9.35		"	10.0		93.5	77-128			30	
1,2,4-Trichlorobenzene	7.87		"	10.0		78.7	70-130			20	
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132			20	
1,2-Dibromo-3-chloropropane	8.70		"	10.0		87.0	40-160			20	
1,2-Dibromoethane	8.80		"	10.0		88.0	70-130			20	
1,2-Dichlorobenzene	10.2		"	10.0		102	70-130			20	
1,2-Dichloroethane	9.91		"	10.0		99.1	70-130			20	
1,2-Dichloropropane	11.2		"	10.0		112	70-130			20	
1,3,5-Trimethylbenzene	12.5		"	10.0		125	80-131			30	
1,3-Dichlorobenzene	10.7		"	10.0		107	70-130			20	
1,3-Dichloropropane	9.32		"	10.0		93.2	81-125			30	
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130			20	
1,4-Dioxane	155		"	210		74.0	40-160			20	
2,2-Dichloropropane	12.1		"	10.0		121	56-150			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41928 - EPA 5030B											
LCS (BI41928-BS1) LCS								Prepared & Analyzed: 10/10/2024			
2-Butanone	3.47		ug/L	10.0		34.7	40-160	Low Bias		20	
2-Chlorotoluene	12.3		"	10.0		123	79-130			30	
2-Hexanone	7.14		"	10.0		71.4	40-160			20	
4-Chlorotoluene	12.4		"	10.0		124	79-128			30	
4-Methyl-2-pentanone	6.78		"	10.0		67.8	40-160			20	
Acetone	8.80		"	10.0		88.0	40-160			20	
Acrolein	1.11		"	10.0		11.1	10-153			30	
Acrylonitrile	8.48		"	10.0		84.8	51-150			30	
Benzene	11.6		"	10.0		116	70-130			20	
Bromobenzene	11.1		"	10.0		111	78-129			30	
Bromochloromethane	10.2		"	10.0		102	70-130			20	
Bromodichloromethane	10.4		"	10.0		104	70-130			20	
Bromoform	6.31		"	10.0		63.1	70-130	Low Bias		20	
Bromomethane	9.73		"	10.0		97.3	40-160			20	
Carbon disulfide	12.7		"	10.0		127	40-160			20	
Carbon tetrachloride	11.7		"	10.0		117	70-130			20	
Chlorobenzene	10.7		"	10.0		107	70-130			20	
Chloroethane	11.2		"	10.0		112	40-160			20	
Chloroform	10.8		"	10.0		108	70-130			20	
Chloromethane	10.4		"	10.0		104	40-160			20	
cis-1,2-Dichloroethylene	11.4		"	10.0		114	70-130			20	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	70-130			20	
Cyclohexane	5.81		"	10.0		58.1	70-130	Low Bias		20	
Dibromochloromethane	7.95		"	10.0		79.5	70-130			20	
Dibromomethane	8.84		"	10.0		88.4	72-134			30	
Dichlorodifluoromethane	8.96		"	10.0		89.6	40-160			20	
Ethyl Benzene	12.2		"	10.0		122	70-130			20	
Hexachlorobutadiene	8.49		"	10.0		84.9	67-146			30	
Isopropylbenzene	13.1		"	10.0		131	70-130	High Bias		20	
Methyl acetate	8.01		"	10.0		80.1	70-130			20	
Methyl tert-butyl ether (MTBE)	8.10		"	10.0		81.0	70-130			20	
Methylcyclohexane	11.2		"	10.0		112	70-130			20	
Methylene chloride	10.8		"	10.0		108	70-130			20	
n-Butylbenzene	11.8		"	10.0		118	79-132			30	
n-Propylbenzene	13.2		"	10.0		132	78-133			30	
o-Xylene	11.2		"	10.0		112	70-130			20	
p- & m- Xylenes	23.9		"	20.0		120	70-130			20	
p-Isopropyltoluene	12.3		"	10.0		123	81-136			30	
sec-Butylbenzene	12.1		"	10.0		121	79-137			30	
Styrene	11.1		"	10.0		111	70-130			20	
tert-Butyl alcohol (TBA)	24.8		"	50.0		49.6	25-162			30	
tert-Butylbenzene	10.9		"	10.0		109	77-138			30	
Tetrachloroethylene	10.8		"	10.0		108	70-130			20	
Toluene	11.6		"	10.0		116	70-130			20	
trans-1,2-Dichloroethylene	11.8		"	10.0		118	70-130			20	
trans-1,3-Dichloropropylene	9.52		"	10.0		95.2	70-130			20	
Trichloroethylene	11.5		"	10.0		115	70-130			20	
Trichlorofluoromethane	11.8		"	10.0		118	40-160			20	
Vinyl Chloride	11.0		"	10.0		110	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.15*		*"*	*10.0*		*81.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41928 - EPA 5030B											
LCS (BI41928-BS1) LCS								Prepared & Analyzed: 10/10/2024			
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*ug/L*	*10.0*		*102*	*70-130*				
LCS Dup (BI41928-BSD1) LCS Dup								Prepared & Analyzed: 10/10/2024			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		0.0939	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	70-130		6.59	20	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	70-130		10.1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	70-130		7.49	20	
1,1,2-Trichloroethane	9.89		"	10.0		98.9	70-130		8.54	20	
1,1-Dichloroethane	10.7		"	10.0		107	70-130		3.84	20	
1,1-Dichloroethylene	11.3		"	10.0		113	70-130		8.26	20	
1,1-Dichloropropylene	11.0		"	10.0		110	83-133		6.50	30	
1,2,3-Trichlorobenzene	8.31		"	10.0		83.1	70-130		15.1	20	
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128		8.40	30	
1,2,4-Trichlorobenzene	8.39		"	10.0		83.9	70-130		6.40	20	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		10.5	20	
1,2-Dibromo-3-chloropropane	9.37		"	10.0		93.7	40-160		7.42	20	
1,2-Dibromoethane	9.77		"	10.0		97.7	70-130		10.4	20	
1,2-Dichlorobenzene	9.95		"	10.0		99.5	70-130		2.38	20	
1,2-Dichloroethane	10.7		"	10.0		107	70-130		7.39	20	
1,2-Dichloropropane	10.9		"	10.0		109	70-130		3.34	20	
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131		13.5	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	70-130		6.74	20	
1,3-Dichloropropane	10.1		"	10.0		101	81-125		8.23	30	
1,4-Dichlorobenzene	9.75		"	10.0		97.5	70-130		4.90	20	
1,4-Dioxane	212		"	210		101	40-160		31.0	20	Non-dir.
2,2-Dichloropropane	11.4		"	10.0		114	56-150		6.31	30	
2-Butanone	10.9		"	10.0		109	40-160		103	20	Non-dir.
2-Chlorotoluene	10.7		"	10.0		107	79-130		13.5	30	
2-Hexanone	9.56		"	10.0		95.6	40-160		29.0	20	Non-dir.
4-Chlorotoluene	10.8		"	10.0		108	79-128		13.4	30	
4-Methyl-2-pentanone	8.38		"	10.0		83.8	40-160		21.1	20	Non-dir.
Acetone	10.7		"	10.0		107	40-160		19.6	20	
Acrolein	1.15		"	10.0		11.5	10-153		3.54	30	
Acrylonitrile	10.7		"	10.0		107	51-150		22.9	30	
Benzene	11.3		"	10.0		113	70-130		2.36	20	
Bromobenzene	10.5		"	10.0		105	78-129		5.55	30	
Bromochloromethane	11.0		"	10.0		110	70-130		7.07	20	
Bromodichloromethane	10.7		"	10.0		107	70-130		2.55	20	
Bromoform	7.47		"	10.0		74.7	70-130		16.8	20	
Bromomethane	9.11		"	10.0		91.1	40-160		6.58	20	
Carbon disulfide	11.8		"	10.0		118	40-160		7.93	20	
Carbon tetrachloride	10.9		"	10.0		109	70-130		6.91	20	
Chlorobenzene	10.1		"	10.0		101	70-130		5.39	20	
Chloroethane	10.7		"	10.0		107	40-160		4.94	20	
Chloroform	10.8		"	10.0		108	70-130		0.185	20	
Chloromethane	9.51		"	10.0		95.1	40-160		8.75	20	
cis-1,2-Dichloroethylene	11.3		"	10.0		113	70-130		1.50	20	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	70-130		1.38	20	
Cyclohexane	5.45		"	10.0		54.5	70-130	Low Bias	6.39	20	
Dibromochloromethane	8.58		"	10.0		85.8	70-130		7.62	20	
Dibromomethane	9.76		"	10.0		97.6	72-134		9.89	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI41928 - EPA 5030B											
LCS Dup (BI41928-BSD1) LCS Dup							Prepared & Analyzed: 10/10/2024				
Dichlorodifluoromethane	8.26		ug/L	10.0		82.6	40-160		8.13	20	
Ethyl Benzene	11.2		"	10.0		112	70-130		8.40	20	
Hexachlorobutadiene	7.12		"	10.0		71.2	67-146		17.6	30	
Isopropylbenzene	11.0		"	10.0		110	70-130		17.5	20	
Methyl acetate	9.86		"	10.0		98.6	70-130		20.7	20	Non-dir.
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	70-130		21.9	20	Non-dir.
Methylcyclohexane	9.95		"	10.0		99.5	70-130		11.6	20	
Methylene chloride	11.1		"	10.0		111	70-130		3.20	20	
n-Butylbenzene	10.3		"	10.0		103	79-132		13.3	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		16.3	30	
o-Xylene	10.7		"	10.0		107	70-130		3.84	20	
p- & m- Xylenes	21.9		"	20.0		109	70-130		8.95	20	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		14.0	30	
sec-Butylbenzene	10.5		"	10.0		105	79-137		13.9	30	
Styrene	11.1		"	10.0		111	70-130		0.541	20	
tert-Butyl alcohol (TBA)	39.9		"	50.0		79.8	25-162		46.7	30	Non-dir.
tert-Butylbenzene	9.28		"	10.0		92.8	77-138		15.8	30	
Tetrachloroethylene	9.59		"	10.0		95.9	70-130		11.7	20	
Toluene	10.5		"	10.0		105	70-130		10.5	20	
trans-1,2-Dichloroethylene	11.1		"	10.0		111	70-130		5.76	20	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	70-130		9.03	20	
Trichloroethylene	10.2		"	10.0		102	70-130		11.5	20	
Trichlorofluoromethane	11.0		"	10.0		110	40-160		7.37	20	
Vinyl Chloride	10.1		"	10.0		101	70-130		8.79	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.40*		*"*	*10.0*		*94.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40846 - EPA 5035A											
Blank (BJ40846-BLK1) Blank									Prepared & Analyzed: 10/11/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40846 - EPA 5035A											
Blank (BJ40846-BLK1) Blank								Prepared & Analyzed: 10/11/2024			
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.0*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.0*		*"*	*50.0*		*106*	*76-130*				
LCS (BJ40846-BS1) LCS								Prepared & Analyzed: 10/11/2024			
1,1,1,2-Tetrachloroethane	51.8		ug/L	50.0		104	75-129			30	
1,1,1-Trichloroethane	48.8		"	50.0		97.7	70-130			30	
1,1,2,2-Tetrachloroethane	49.4		"	50.0		98.7	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.4		"	50.0		90.7	70-130			30	
1,1,2-Trichloroethane	47.7		"	50.0		95.4	70-130			30	
1,1-Dichloroethane	43.9		"	50.0		87.8	70-130			30	
1,1-Dichloroethylene	47.1		"	50.0		94.2	70-130			30	
1,1-Dichloropropylene	46.6		"	50.0		93.2	77-127			30	
1,2,3-Trichlorobenzene	55.1		"	50.0		110	70-130			30	
1,2,3-Trichloropropane	50.7		"	50.0		101	81-126			30	
1,2,4-Trichlorobenzene	57.4		"	50.0		115	70-130			30	
1,2,4-Trimethylbenzene	52.1		"	50.0		104	84-125			30	
1,2-Dibromo-3-chloropropane	54.0		"	50.0		108	40-160			30	
1,2-Dibromoethane	49.1		"	50.0		98.1	70-130			30	
1,2-Dichlorobenzene	49.5		"	50.0		99.0	70-130			30	
1,2-Dichloroethane	47.6		"	50.0		95.1	70-130			30	
1,2-Dichloropropane	46.5		"	50.0		93.0	70-130			30	
1,3,5-Trimethylbenzene	50.9		"	50.0		102	82-126			30	
1,3-Dichlorobenzene	49.1		"	50.0		98.2	70-130			30	
1,3-Dichloropropane	47.9		"	50.0		95.9	83-123			30	
1,4-Dichlorobenzene	49.2		"	50.0		98.4	70-130			30	
1,4-Dioxane	818		"	1050		77.9	40-160			30	
2,2-Dichloropropane	58.9		"	50.0		118	67-136			30	
2-Butanone	41.0		"	50.0		81.9	40-160			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40846 - EPA 5035A											
LCS (BJ40846-BS1) LCS								Prepared & Analyzed: 10/11/2024			
2-Chlorotoluene	50.2		ug/L	50.0		100	78-127			30	
2-Hexanone	46.8		"	50.0		93.6	40-160			30	
4-Chlorotoluene	51.3		"	50.0		103	79-125			30	
4-Methyl-2-pentanone	35.4		"	50.0		70.7	40-160			30	
Acetone	26.4		"	50.0		52.8	40-160			30	
Acrolein	2.88		"	50.0		5.76	10-238	Low Bias		30	
Acrylonitrile	42.2		"	50.0		84.3	66-141			30	
Benzene	43.9		"	50.0		87.9	70-130			30	
Bromobenzene	51.6		"	50.0		103	77-129			30	
Bromochloromethane	42.5		"	50.0		85.0	70-130			30	
Bromodichloromethane	50.7		"	50.0		101	70-130			30	
Bromoform	53.5		"	50.0		107	70-130			30	
Bromomethane	40.5		"	50.0		81.0	40-160			30	
Carbon disulfide	44.3		"	50.0		88.5	40-160			30	
Carbon tetrachloride	51.4		"	50.0		103	70-130			30	
Chlorobenzene	46.8		"	50.0		93.6	70-130			30	
Chloroethane	38.2		"	50.0		76.3	51-142			30	
Chloroform	45.8		"	50.0		91.6	70-130			30	
Chloromethane	31.0		"	50.0		62.0	49-132			30	
cis-1,2-Dichloroethylene	45.3		"	50.0		90.7	70-130			30	
cis-1,3-Dichloropropylene	51.0		"	50.0		102	70-130			30	
Cyclohexane	43.6		"	50.0		87.1	70-130			30	
Dibromochloromethane	51.0		"	50.0		102	70-130			30	
Dibromomethane	46.0		"	50.0		92.0	83-124			30	
Dichlorodifluoromethane	31.0		"	50.0		62.0	40-160			30	
Ethyl Benzene	49.7		"	50.0		99.4	70-130			30	
Hexachlorobutadiene	58.7		"	50.0		117	83-133			30	
Isopropylbenzene	51.6		"	50.0		103	70-130			30	
Methyl acetate	39.4		"	50.0		78.8	70-130			30	
Methyl tert-butyl ether (MTBE)	50.6		"	50.0		101	70-130			30	
Methylcyclohexane	45.3		"	50.0		90.7	70-130			30	
Methylene chloride	40.8		"	50.0		81.7	70-130			30	
n-Butylbenzene	52.3		"	50.0		105	80-130			30	
n-Propylbenzene	50.5		"	50.0		101	74-136			30	
o-Xylene	49.2		"	50.0		98.5	70-130			30	
p- & m- Xylenes	96.9		"	100		96.9	70-130			30	
p-Isopropyltoluene	54.7		"	50.0		109	85-125			30	
sec-Butylbenzene	52.0		"	50.0		104	83-125			30	
Styrene	49.4		"	50.0		98.7	70-130			30	
tert-Butyl alcohol (TBA)	271		"	250		108	70-130			30	
tert-Butylbenzene	44.5		"	50.0		89.1	80-127			30	
Tetrachloroethylene	44.6		"	50.0		89.1	70-130			30	
Toluene	47.0		"	50.0		94.0	70-130			30	
trans-1,2-Dichloroethylene	44.6		"	50.0		89.2	70-130			30	
trans-1,3-Dichloropropylene	56.3		"	50.0		113	70-130			30	
Trichloroethylene	49.2		"	50.0		98.3	70-130			30	
Trichlorofluoromethane	40.9		"	50.0		81.8	40-160			30	
Vinyl Chloride	35.9		"	50.0		71.8	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.1*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.6*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BJ40846 - EPA 5035A

LCS (BJ40846-BS1) LCS — Prepared & Analyzed: 10/11/2024

LCS Dup (BJ40846-BSD1) LCS Dup — Prepared & Analyzed: 10/11/2024

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	54.8		ug/L	50.0		110	75-129		5.44	30	
1,1,1-Trichloroethane	51.4		"	50.0		103	70-130		4.99	30	
1,1,2,2-Tetrachloroethane	51.8		"	50.0		104	70-130		4.94	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.3		"	50.0		94.7	70-130		4.25	30	
1,1,2-Trichloroethane	50.2		"	50.0		100	70-130		4.97	30	
1,1-Dichloroethane	46.1		"	50.0		92.2	70-130		4.91	30	
1,1-Dichloroethylene	49.3		"	50.0		98.7	70-130		4.58	30	
1,1-Dichloropropylene	48.5		"	50.0		97.1	77-127		4.06	30	
1,2,3-Trichlorobenzene	59.5		"	50.0		119	70-130		7.71	30	
1,2,3-Trichloropropane	53.7		"	50.0		107	81-126		5.86	30	
1,2,4-Trichlorobenzene	59.3		"	50.0		119	70-130		3.20	30	
1,2,4-Trimethylbenzene	56.9		"	50.0		114	84-125		8.81	30	
1,2-Dibromo-3-chloropropane	57.8		"	50.0		116	40-160		6.89	30	
1,2-Dibromoethane	52.1		"	50.0		104	70-130		6.03	30	
1,2-Dichlorobenzene	53.8		"	50.0		108	70-130		8.23	30	
1,2-Dichloroethane	50.0		"	50.0		99.9	70-130		4.92	30	
1,2-Dichloropropane	48.8		"	50.0		97.7	70-130		4.91	30	
1,3,5-Trimethylbenzene	55.0		"	50.0		110	82-126		7.76	30	
1,3-Dichlorobenzene	53.3		"	50.0		107	70-130		8.09	30	
1,3-Dichloropropane	50.3		"	50.0		101	83-123		4.82	30	
1,4-Dichlorobenzene	53.0		"	50.0		106	70-130		7.42	30	
1,4-Dioxane	845		"	1050		80.5	40-160		3.23	30	
2,2-Dichloropropane	62.9		"	50.0		126	67-136		6.67	30	
2-Butanone	41.4		"	50.0		82.8	40-160		1.07	30	
2-Chlorotoluene	54.2		"	50.0		108	78-127		7.65	30	
2-Hexanone	48.2		"	50.0		96.4	40-160		2.93	30	
4-Chlorotoluene	54.7		"	50.0		109	79-125		6.30	30	
4-Methyl-2-pentanone	36.5		"	50.0		73.1	40-160		3.23	30	
Acetone	27.1		"	50.0		54.3	40-160		2.65	30	
Acrolein	3.07		"	50.0		6.14	10-238	Low Bias	6.39	30	
Acrylonitrile	44.1		"	50.0		88.3	66-141		4.57	30	
Benzene	45.6		"	50.0		91.1	70-130		3.66	30	
Bromobenzene	55.2		"	50.0		110	77-129		6.78	30	
Bromochloromethane	44.8		"	50.0		89.6	70-130		5.29	30	
Bromodichloromethane	54.0		"	50.0		108	70-130		6.36	30	
Bromoform	56.3		"	50.0		113	70-130		5.05	30	
Bromomethane	43.7		"	50.0		87.3	40-160		7.51	30	
Carbon disulfide	46.4		"	50.0		92.8	40-160		4.66	30	
Carbon tetrachloride	53.8		"	50.0		108	70-130		4.47	30	
Chlorobenzene	48.9		"	50.0		97.8	70-130		4.41	30	
Chloroethane	39.4		"	50.0		78.7	51-142		3.12	30	
Chloroform	48.8		"	50.0		97.6	70-130		6.34	30	
Chloromethane	32.9		"	50.0		65.8	49-132		5.94	30	
cis-1,2-Dichloroethylene	47.6		"	50.0		95.2	70-130		4.88	30	
cis-1,3-Dichloropropylene	53.9		"	50.0		108	70-130		5.47	30	
Cyclohexane	45.8		"	50.0		91.6	70-130		5.03	30	
Dibromochloromethane	53.3		"	50.0		107	70-130		4.39	30	
Dibromomethane	49.0		"	50.0		98.1	83-124		6.44	30	
Dichlorodifluoromethane	31.8		"	50.0		63.5	40-160		2.36	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40846 - EPA 5035A											
LCS Dup (BJ40846-BSD1) LCS Dup								Prepared & Analyzed: 10/11/2024			
Ethyl Benzene	52.8		ug/L	50.0		106	70-130		6.05	30	
Hexachlorobutadiene	64.0		"	50.0		128	83-133		8.72	30	
Isopropylbenzene	55.0		"	50.0		110	70-130		6.38	30	
Methyl acetate	39.9		"	50.0		79.9	70-130		1.29	30	
Methyl tert-butyl ether (MTBE)	54.4		"	50.0		109	70-130		7.07	30	
Methylcyclohexane	47.9		"	50.0		95.9	70-130		5.60	30	
Methylene chloride	42.5		"	50.0		85.0	70-130		3.98	30	
n-Butylbenzene	56.1		"	50.0		112	80-130		6.99	30	
n-Propylbenzene	54.2		"	50.0		108	74-136		7.10	30	
o-Xylene	52.2		"	50.0		104	70-130		5.78	30	
p- & m- Xylenes	103		"	100		103	70-130		5.99	30	
p-Isopropyltoluene	58.6		"	50.0		117	85-125		6.99	30	
sec-Butylbenzene	56.2		"	50.0		112	83-125		7.67	30	
Styrene	52.3		"	50.0		105	70-130		5.86	30	
tert-Butyl alcohol (TBA)	272		"	250		109	70-130		0.272	30	
tert-Butylbenzene	48.8		"	50.0		97.6	80-127		9.17	30	
Tetrachloroethylene	47.4		"	50.0		94.9	70-130		6.26	30	
Toluene	49.6		"	50.0		99.3	70-130		5.51	30	
trans-1,2-Dichloroethylene	46.9		"	50.0		93.8	70-130		5.01	30	
trans-1,3-Dichloropropylene	59.1		"	50.0		118	70-130		4.80	30	
Trichloroethylene	51.3		"	50.0		103	70-130		4.30	30	
Trichlorofluoromethane	42.3		"	50.0		84.6	40-160		3.39	30	
Vinyl Chloride	37.0		"	50.0		74.1	70-130		3.21	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.7*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.6*		*"*	*50.0*		*107*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ40871 - EPA 3550C

Blank (BJ40871-BLK1) Blank — Prepared & Analyzed: 10/14/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40871 - EPA 3550C											
Blank (BJ40871-BLK1) Blank									Prepared & Analyzed: 10/14/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.797*		"	*1.66*		*48.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.37*		"	*1.66*		*82.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.445*		"	*0.831*		*53.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.410*		"	*0.831*		*49.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.647*		"	*1.66*		*39.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.434*		"	*0.831*		*52.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40871 - EPA 3550C											
LCS (BJ40871-BS1) LCS							Prepared & Analyzed: 10/14/2024				
1,1-Biphenyl	0.789	0.0416	mg/kg wet	0.831		95.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.809	0.0830	"	0.831		97.4	21-131				
1,2,4-Trichlorobenzene	0.799	0.0416	"	1.25		64.2	10-140				
1,2-Dichlorobenzene	0.737	0.0416	"	1.25		59.1	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.708	0.0416	"	1.25		56.8	17-137				
1,3-Dichlorobenzene	0.729	0.0416	"	1.25		58.5	33-110				
1,4-Dichlorobenzene	0.731	0.0416	"	1.25		58.6	32-104				
2,3,4,6-Tetrachlorophenol	0.925	0.0830	"	1.25		74.3	30-130				
2,4,5-Trichlorophenol	0.825	0.0416	"	1.25		66.2	27-118				
2,4,6-Trichlorophenol	0.791	0.0416	"	1.25		63.5	31-120				
2,4-Dichlorophenol	0.857	0.0416	"	1.25		68.8	20-127				
2,4-Dimethylphenol	0.951	0.0416	"	1.25		76.3	14-132				
2,4-Dinitrophenol	0.573	0.0830	"	1.25		46.0	10-171				
2,4-Dinitrotoluene	0.728	0.0416	"	1.25		58.4	34-131				
2,6-Dinitrotoluene	0.734	0.0416	"	1.25		58.9	31-128				
2-Chloronaphthalene	0.750	0.0416	"	1.25		60.2	31-117				
2-Chlorophenol	0.786	0.0416	"	1.25		63.1	33-113				
2-Methylnaphthalene	0.712	0.0416	"	1.25		57.1	12-138				
2-Methylphenol	0.825	0.0416	"	1.25		66.2	10-136				
2-Nitroaniline	0.773	0.0830	"	1.25		62.1	27-132				
2-Nitrophenol	0.811	0.0416	"	1.25		65.1	17-129				
3- & 4-Methylphenols	0.728	0.0416	"	1.25		58.4	29-103				
3,3-Dichlorobenzidine	0.718	0.0416	"	0.831		86.4	22-149				
3-Nitroaniline	0.590	0.0830	"	1.25		47.4	20-133				
4,6-Dinitro-2-methylphenol	0.795	0.0830	"	1.25		63.8	10-143				
4-Bromophenyl phenyl ether	0.597	0.0416	"	1.25		47.9	29-120				
4-Chloro-3-methylphenol	0.822	0.0416	"	1.25		65.9	24-129				
4-Chloroaniline	0.602	0.0416	"	1.25		48.3	10-132				
4-Chlorophenyl phenyl ether	0.728	0.0416	"	1.25		58.5	27-124				
4-Nitroaniline	0.673	0.0830	"	1.25		54.1	16-128				
4-Nitrophenol	0.821	0.0830	"	1.25		65.9	10-141				
Acenaphthene	0.727	0.0416	"	1.25		58.3	30-121				
Acenaphthylene	0.767	0.0416	"	1.25		61.6	30-115				
Acetophenone	0.811	0.0416	"	0.831		97.7	20-112				
Aniline	0.926	0.166	"	1.25		74.3	10-119				
Anthracene	0.778	0.0416	"	1.25		62.5	34-118				
Atrazine	0.660	0.0416	"	0.831		79.5	26-112				
Benzaldehyde	0.677	0.0416	"	0.831		81.5	21-100				
Benzo(a)anthracene	0.790	0.0416	"	1.25		63.4	32-122				
Benzo(a)pyrene	0.708	0.0416	"	1.25		56.8	29-133				
Benzo(b)fluoranthene	0.729	0.0416	"	1.25		58.5	25-133				
Benzo(g,h,i)perylene	0.775	0.0416	"	1.25		62.2	10-143				
Benzo(k)fluoranthene	0.735	0.0416	"	1.25		59.0	25-128				
Benzoic acid	0.217	0.0416	"	0.831		26.2	10-140				
Benzyl alcohol	0.822	0.0416	"	1.25		66.0	30-115				
Benzyl butyl phthalate	0.828	0.0416	"	1.25		66.5	26-126				
Bis(2-chloroethoxy)methane	0.827	0.0416	"	1.25		66.3	19-132				
Bis(2-chloroethyl)ether	0.750	0.0416	"	1.25		60.2	19-125				
Bis(2-chloroisopropyl)ether	0.783	0.0416	"	1.25		62.8	20-135				
Bis(2-ethylhexyl)phthalate	0.826	0.0416	"	1.25		66.3	10-155				
Caprolactam	0.815	0.0830	"	0.831		98.1	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40871 - EPA 3550C											
LCS (BJ40871-BS1) LCS							Prepared & Analyzed: 10/14/2024				
Carbazole	0.752	0.0416	mg/kg wet	1.25		60.4	35-123				
Chrysene	0.751	0.0416	"	1.25		60.3	32-123				
Dibenzo(a,h)anthracene	0.725	0.0416	"	1.25		58.2	10-136				
Dibenzofuran	0.720	0.0416	"	1.25		57.8	29-121				
Diethyl phthalate	0.749	0.0416	"	1.25		60.1	34-116				
Dimethyl phthalate	0.722	0.0416	"	1.25		57.9	35-124				
Di-n-butyl phthalate	0.763	0.0416	"	1.25		61.3	31-116				
Di-n-octyl phthalate	0.806	0.0416	"	1.25		64.7	26-136				
Fluoranthene	0.728	0.0416	"	1.25		58.4	33-122				
Fluorene	0.735	0.0416	"	1.25		59.0	29-123				
Hexachlorobenzene	0.667	0.0416	"	1.25		53.5	21-124				
Hexachlorobutadiene	0.822	0.0416	"	1.25		66.0	10-149				
Hexachlorocyclopentadiene	0.846	0.0416	"	1.25		67.9	10-129				
Hexachloroethane	0.743	0.0416	"	1.25		59.7	28-108				
Indeno(1,2,3-cd)pyrene	0.743	0.0416	"	1.25		59.6	10-135				
Isophorone	0.823	0.0416	"	1.25		66.1	20-132				
Naphthalene	0.858	0.0416	"	1.25		68.9	23-124				
Nitrobenzene	0.810	0.0416	"	1.25		65.0	13-132				
N-Nitrosodimethylamine	0.716	0.0416	"	1.25		57.5	11-129				
N-nitroso-di-n-propylamine	0.781	0.0416	"	1.25		62.7	24-119				
N-Nitrosodiphenylamine	0.799	0.0416	"	1.25		64.1	22-152				
Pentachlorophenol	0.850	0.0416	"	1.25		68.2	10-139				
Phenanthrene	0.752	0.0416	"	1.25		60.4	33-123				
Phenol	0.882	0.0416	"	1.25		70.8	23-115				
Pyrene	0.832	0.0416	"	1.25		66.7	24-130				
Pyridine	0.471	0.166	"	1.25		37.8	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.54*		"	*1.66*		*92.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.19*		"	*1.66*		*71.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.790*		"	*0.831*		*95.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.799*		"	*0.831*		*96.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.46*		"	*1.66*		*87.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.811*		"	*0.831*		*97.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40869 - EPA 3550C											
Blank (BJ40869-BLK1) Blank									Prepared: 10/14/2024 Analyzed: 10/17/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*386*		*"*	*495*		*78.0*	*39-127.5*				
LCS (BJ40869-BS1) LCS									Prepared: 10/14/2024 Analyzed: 10/17/2024		
1,4-Dioxane	484	19.8	ug/kg	495		97.8	40-130				
Surrogate: 1,4-Dioxane-d8	*455*		*"*	*495*		*92.0*	*39-127.5*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40812 - EPA 1633 Prep											
Blank (BJ40812-BLK1) Blank									Prepared: 10/12/2024 Analyzed: 10/15/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								
9CL-PF3ONS	ND	0.748	"								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.75*		"	*2.33*		*118*	*25-150*				
Surrogate: M5PFHxA	*3.36*		"	*2.50*		*134*	*25-150*				
Surrogate: M4PFHpA	*3.29*		"	*2.50*		*132*	*25-150*				
Surrogate: M3PFHxS	*2.69*		"	*2.37*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.82*		"	*2.50*		*153*	*25-150*				
Surrogate: M6PFDA	*1.41*		"	*1.25*		*113*	*25-150*				
Surrogate: M7PFUdA	*1.34*		"	*1.25*		*107*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.899*		"	*1.25*		*71.9*	*25-150*				
Surrogate: M2PFTeDA	*0.761*		"	*1.25*		*60.9*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40812 - EPA 1633 Prep											
Blank (BJ40812-BLK1) Blank								Prepared: 10/12/2024 Analyzed: 10/15/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.24*		*ug/kg wet*	*10.0*		*92.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.49*		*"*	*2.40*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.01*		*"*	*5.00*		*140*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.96*		*"*	*2.50*		*78.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.35*		*"*	*5.00*		*87.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.10*		*"*	*5.00*		*82.0*	*25-150*				
Surrogate: M2-6:2 FTS	*2.85*		*"*	*4.76*		*59.9*	*25-200*				
Surrogate: M2-8:2 FTS	*4.97*		*"*	*4.80*		*104*	*25-200*				
Surrogate: M9PFNA	*1.32*		*"*	*1.25*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*1.43*		*"*	*4.69*		*30.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.74*		*"*	*2.50*		*69.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.26*		*"*	*2.50*		*50.5*	*25-150*				
Surrogate: M3HFPO-DA	*16.1*		*"*	*10.0*		*161*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.7*		*"*	*25.0*		*55.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.7*		*"*	*25.0*		*70.9*	*25-150*				
LCS (BJ40812-BS1) LCS								Prepared: 10/12/2024 Analyzed: 10/15/2024			
Perfluorobutanesulfonic acid (PFBS)	3.04	0.177	ug/kg wet	3.54		86.0	50-150				
Perfluorohexanoic acid (PFHxA)	3.30	0.200	"	4.00		82.5	50-150				
Perfluoroheptanoic acid (PFHpA)	3.73	0.200	"	4.00		93.3	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.22	0.183	"	3.66		87.9	50-150				
Perfluorooctanoic acid (PFOA)	2.93	0.200	"	4.00		73.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.25	0.186	"	3.72		87.2	50-150				
Perfluorononanoic acid (PFNA)	3.50	0.200	"	4.00		87.5	50-150				
Perfluorodecanoic acid (PFDA)	2.88	0.200	"	4.00		71.9	50-150				
Perfluoroundecanoic acid (PFUnA)	3.89	0.200	"	4.00		97.2	50-150				
Perfluorododecanoic acid (PFDoA)	2.98	0.200	"	4.00		74.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.31	0.200	"	4.00		82.9	50-150				
Perfluorotetradecanoic acid (PFTA)	3.28	0.200	"	4.00		81.9	50-150				
N-MeFOSAA	3.38	0.200	"	4.00		84.6	50-150				
N-EtFOSAA	3.27	0.200	"	4.00		81.7	50-150				
Perfluoropentanoic acid (PFPeA)	6.46	0.400	"	8.00		80.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.57	0.200	"	4.00		64.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.38	0.200	"	3.82		88.6	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.81	0.193	"	3.86		72.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.9	0.760	"	15.2		84.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	11.9	0.768	"	15.4		77.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	11.9	0.800	"	16.0		74.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.05	0.356	"	7.12		99.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.99	0.400	"	8.00		87.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.35	0.400	"	8.00		29.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	6.54	0.400	"	8.00		81.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.26	0.188	"	3.76		86.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.7	0.750	"	15.0		84.8	50-150				
HFPO-DA (Gen-X)	6.76	0.800	"	8.00		84.5	50-150				
11CL-PF3OUdS	4.04	0.756	"	7.56		53.5	50-150				
9CL-PF3ONS	5.54	0.748	"	7.48		74.1	50-150				
ADONA	5.13	0.756	"	7.56		67.9	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40812 - EPA 1633 Prep											
LCS (BJ40812-BS1) LCS								Prepared: 10/12/2024 Analyzed: 10/15/2024			
Perfluorododecanesulfonic acid (PFDoS)	1.79	0.194	ug/kg wet	3.88		46.2	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	3.16	0.192	"	3.84		82.3	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	11.6	1.00	"	16.0		72.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	64.6	5.00	"	80.0		80.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	58.2	5.00	"	80.0		72.8	50-150				
N-MeFOSE	28.6	2.00	"	40.0		71.4	50-150				
N-MeFOSA	3.81	0.200	"	4.00		95.2	50-150				
N-EtFOSE	35.0	2.00	"	40.0		87.5	50-150				
N-EtFOSA	3.20	0.200	"	4.00		80.0	50-150				
Surrogate: M3PFBS	*2.31*		"	*2.33*		*99.1*	*25-150*				
Surrogate: M5PFHxA	*3.24*		"	*2.50*		*130*	*25-150*				
Surrogate: M4PFHpA	*3.10*		"	*2.50*		*124*	*25-150*				
Surrogate: M3PFHxS	*2.41*		"	*2.37*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.38*		"	*2.50*		*135*	*25-150*				
Surrogate: M6PFDA	*1.35*		"	*1.25*		*108*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.25*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.914*		"	*1.25*		*73.1*	*25-150*				
Surrogate: M2PFTeDA	*0.609*		"	*1.25*		*48.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.32*		"	*10.0*		*13.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.36*		"	*2.40*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.32*		"	*5.00*		*126*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.61*		"	*2.50*		*105*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.30*		"	*5.00*		*85.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.21*		"	*5.00*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*3.02*		"	*4.76*		*63.4*	*25-200*				
Surrogate: M2-8:2 FTS	*5.93*		"	*4.80*		*123*	*25-200*				
Surrogate: M9PFNA	*1.15*		"	*1.25*		*92.2*	*25-150*				
Surrogate: M2-4:2 FTS	*1.30*		"	*4.69*		*27.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.61*		"	*2.50*		*64.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.33*		"	*2.50*		*53.4*	*25-150*				
Surrogate: M3HFPO-DA	*15.1*		"	*10.0*		*151*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.5*		"	*25.0*		*50.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.0*		"	*25.0*		*64.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40812 - EPA 1633 Prep											
LCS (BJ40812-BS2) LCS								Prepared: 10/12/2024 Analyzed: 10/15/2024			
Perfluorobutanesulfonic acid (PFBS)	0.605	0.177	ug/kg wet	0.708		85.4	50-150				
Perfluorohexanoic acid (PFHxA)	0.661	0.200	"	0.800		82.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.761	0.200	"	0.800		95.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.733	0.183	"	0.732		100	50-150				
Perfluorooctanoic acid (PFOA)	0.716	0.200	"	0.800		89.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.946	0.186	"	0.744		127	50-150				
Perfluorononanoic acid (PFNA)	0.665	0.200	"	0.800		83.2	50-150				
Perfluorodecanoic acid (PFDA)	0.562	0.200	"	0.800		70.2	50-150				
Perfluoroundecanoic acid (PFUnA)	0.667	0.200	"	0.800		83.3	50-150				
Perfluorododecanoic acid (PFDoA)	0.614	0.200	"	0.800		76.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.822	0.200	"	0.800		103	50-150				
Perfluorotetradecanoic acid (PFTA)	0.708	0.200	"	0.800		88.5	50-150				
N-MeFOSAA	0.734	0.200	"	0.800		91.7	50-150				
N-EtFOSAA	0.668	0.200	"	0.800		83.4	50-150				
Perfluoropentanoic acid (PFPeA)	1.37	0.400	"	1.60		85.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.658	0.200	"	0.800		82.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.763	0.200	"	0.764		99.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.760	0.193	"	0.772		98.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.18	0.760	"	3.04		105	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.96	0.768	"	3.07		96.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.30	0.800	"	3.20		71.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.46	0.356	"	1.42		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.47	0.400	"	1.60		91.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.534	0.400	"	1.60		33.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.38	0.400	"	1.60		86.1	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.665	0.188	"	0.752		88.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.07	0.750	"	3.00		102	50-150				
HFPO-DA (Gen-X)	1.26	0.800	"	1.60		78.5	50-150				
11CL-PF3OUdS	1.16	0.756	"	1.51		77.0	50-150				
9CL-PF3ONS	1.39	0.748	"	1.50		92.7	50-150				
ADONA	1.20	0.756	"	1.51		79.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.520	0.194	"	0.776		67.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.698	0.192	"	0.768		90.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.57	1.00	"	3.20		80.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	13.4	5.00	"	16.0		83.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	12.5	5.00	"	16.0		77.8	50-150				
N-MeFOSE	6.69	2.00	"	8.00		83.7	50-150				
N-MeFOSA	0.813	0.200	"	0.800		102	50-150				
N-EtFOSE	7.72	2.00	"	8.00		96.5	50-150				
N-EtFOSA	0.716	0.200	"	0.800		89.5	50-150				
Surrogate: M3PFBS	*2.65*		"	*2.33*		*114*	*25-150*				
Surrogate: M5PFHxA	*3.06*		"	*2.50*		*122*	*25-150*				
Surrogate: M4PFHpA	*2.90*		"	*2.50*		*116*	*25-150*				
Surrogate: M3PFHxS	*2.59*		"	*2.37*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.75*		"	*2.50*		*110*	*25-150*				
Surrogate: M6PFDA	*1.54*		"	*1.25*		*123*	*25-150*				
Surrogate: M7PFUdA	*1.39*		"	*1.25*		*111*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.22*		"	*1.25*		*97.6*	*25-150*				
Surrogate: M2PFTeDA	*0.897*		"	*1.25*		*71.8*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40812 - EPA 1633 Prep											
LCS (BJ40812-BS2) LCS									Prepared: 10/12/2024 Analyzed: 10/15/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.23*		*ug/kg wet*	*10.0*		*12.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.25*		*"*	*2.40*		*94.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.11*		*"*	*5.00*		*122*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.93*		*"*	*2.50*		*77.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.58*		*"*	*5.00*		*91.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.68*		*"*	*5.00*		*93.5*	*25-150*				
Surrogate: M2-6:2 FTS	*2.72*		*"*	*4.76*		*57.2*	*25-200*				
Surrogate: M2-8:2 FTS	*5.00*		*"*	*4.80*		*104*	*25-200*				
Surrogate: M9PFNA	*1.34*		*"*	*1.25*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*1.18*		*"*	*4.69*		*25.2*	*25-150*				
Surrogate: d-N-MeFOSA	*1.79*		*"*	*2.50*		*71.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.37*		*"*	*2.50*		*54.9*	*25-150*				
Surrogate: M3HFPO-DA	*13.3*		*"*	*10.0*		*133*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.8*		*"*	*25.0*		*63.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.6*		*"*	*25.0*		*74.3*	*25-150*				
Batch BJ40832 - EPA 1633 Prep											
Blank (BJ40832-BLK1) Blank									Prepared: 10/13/2024 Analyzed: 10/15/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40832 - EPA 1633 Prep											
Blank (BJ40832-BLK1) Blank									Prepared: 10/13/2024 Analyzed: 10/15/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*24.3*		"	*23.3*		*104*	*25-150*				
Surrogate: M5PFHxA	*31.4*		"	*25.0*		*125*	*25-150*				
Surrogate: M4PFHpA	*27.0*		"	*25.0*		*108*	*25-150*				
Surrogate: M3PFHxS	*29.5*		"	*23.7*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.6*		"	*25.0*		*138*	*25-150*				
Surrogate: M6PFDA	*14.2*		"	*12.5*		*114*	*25-150*				
Surrogate: M7PFUdA	*14.0*		"	*12.5*		*112*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.6*		"	*12.5*		*108*	*25-150*				
Surrogate: M2PFTeDA	*8.93*		"	*12.5*		*71.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.63*		"	*100*		*2.63*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.2*		"	*24.0*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*34.4*		"	*50.0*		*68.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.0*		"	*25.0*		*104*	*10-150*				
Surrogate: d3-N-MeFOSAA	*50.7*		"	*50.0*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*55.3*		"	*50.0*		*111*	*25-150*				
Surrogate: M2-6:2 FTS	*21.3*		"	*47.6*		*44.7*	*25-200*				
Surrogate: M2-8:2 FTS	*46.4*		"	*48.0*		*96.7*	*25-200*				
Surrogate: M9PFNA	*15.3*		"	*12.5*		*122*	*25-150*				
Surrogate: M2-4:2 FTS	*10.0*		"	*46.9*		*21.4*	*25-150*				
Surrogate: d-N-MeFOSA	*18.4*		"	*25.0*		*73.7*	*25-150*				
Surrogate: d-N-EtFOSA	*16.1*		"	*25.0*		*64.3*	*25-150*				
Surrogate: M3HFPO-DA	*150*		"	*100*		*150*	*25-150*				
Surrogate: d9-N-EtFOSE	*165*		"	*250*		*65.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*193*		"	*250*		*77.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40832 - EPA 1633 Prep											
LCS (BJ40832-BS1) LCS								Prepared: 10/13/2024 Analyzed: 10/15/2024			
Perfluorobutanesulfonic acid (PFBS)	32.8	1.77	ng/L	35.4		92.7	50-150				
Perfluorohexanoic acid (PFHxA)	40.0	2.00	"	40.0		100	50-150				
Perfluoroheptanoic acid (PFHpA)	46.0	2.00	"	40.0		115	50-150				
Perfluorohexanesulfonic acid (PFHxS)	37.6	1.83	"	36.6		103	50-150				
Perfluorooctanoic acid (PFOA)	33.9	2.00	"	40.0		84.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	38.6	1.86	"	37.2		104	50-150				
Perfluorononanoic acid (PFNA)	35.6	2.00	"	40.0		88.9	50-150				
Perfluorodecanoic acid (PFDA)	35.0	2.00	"	40.0		87.6	50-150				
Perfluoroundecanoic acid (PFUnA)	41.3	2.00	"	40.0		103	50-150				
Perfluorododecanoic acid (PFDoA)	37.0	2.00	"	40.0		92.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	46.7	2.00	"	40.0		117	50-150				
Perfluorotetradecanoic acid (PFTA)	35.2	2.00	"	40.0		88.1	50-150				
N-MeFOSAA	36.4	2.00	"	40.0		91.1	50-150				
N-EtFOSAA	35.6	2.00	"	40.0		89.1	50-150				
Perfluoropentanoic acid (PFPeA)	73.9	4.00	"	80.0		92.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	32.0	2.00	"	40.0		79.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	37.8	1.91	"	38.2		98.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	36.8	1.93	"	38.6		95.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	155	7.60	"	152		102	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	135	7.68	"	154		88.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	102	8.00	"	160		63.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	82.8	3.56	"	71.2		116	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	59.3	4.00	"	80.0		74.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.99	4.00	"	80.0		11.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	116	4.00	"	80.0		145	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	34.9	1.88	"	37.6		92.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	146	7.50	"	150		97.2	50-150				
HFPO-DA (Gen-X)	68.3	8.00	"	80.0		85.4	50-150				
11CL-PF3OUdS	66.9	7.56	"	75.6		88.6	50-150				
9CL-PF3ONS	77.3	7.48	"	74.8		103	50-150				
ADONA	60.3	7.56	"	75.6		79.8	50-150				
Perfluorododecanesulfonic acid (PFDoS)	29.2	1.94	"	38.8		75.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	43.5	1.92	"	38.4		113	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	74.9	5.00	"	160		46.8	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	844	25.0	"	800		105	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	767	25.0	"	800		95.9	50-150				
N-MeFOSE	312	20.0	"	400		78.0	50-150				
N-MeFOSA	37.7	2.00	"	40.0		94.1	50-150				
N-EtFOSE	415	20.0	"	400		104	50-150				
N-EtFOSA	33.6	2.00	"	40.0		83.9	50-150				
Surrogate: M3PFBS	*25.0*		"	*23.3*		*107*	*25-150*				
Surrogate: M5PFHxA	*27.9*		"	*25.0*		*112*	*25-150*				
Surrogate: M4PFHpA	*24.9*		"	*25.0*		*99.5*	*25-150*				
Surrogate: M3PFHxS	*30.4*		"	*23.7*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.9*		"	*25.0*		*132*	*25-150*				
Surrogate: M6PFDA	*15.0*		"	*12.5*		*120*	*25-150*				
Surrogate: M7PFUdA	*16.1*		"	*12.5*		*129*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.3*		"	*12.5*		*122*	*25-150*				
Surrogate: M2PFTeDA	*11.0*		"	*12.5*		*88.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40832 - EPA 1633 Prep											
LCS (BJ40832-BS1) LCS								Prepared: 10/13/2024 Analyzed: 10/15/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.00*		*ng/L*	*100*		*2.00*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*26.1*		*"*	*24.0*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*28.3*		*"*	*50.0*		*56.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.7*		*"*	*25.0*		*103*	*10-150*				
Surrogate: d3-N-MeFOSAA	*54.2*		*"*	*50.0*		*108*	*25-150*				
Surrogate: d5-N-EtFOSAA	*57.4*		*"*	*50.0*		*115*	*25-150*				
Surrogate: M2-6:2 FTS	*25.2*		*"*	*47.6*		*53.0*	*25-200*				
Surrogate: M2-8:2 FTS	*51.3*		*"*	*48.0*		*107*	*25-200*				
Surrogate: M9PFNA	*15.2*		*"*	*12.5*		*122*	*25-150*				
Surrogate: M2-4:2 FTS	*12.0*		*"*	*46.9*		*25.6*	*25-150*				
Surrogate: d-N-MeFOSA	*22.0*		*"*	*25.0*		*88.0*	*25-150*				
Surrogate: d-N-EtFOSA	*17.8*		*"*	*25.0*		*71.3*	*25-150*				
Surrogate: M3HFPO-DA	*141*		*"*	*100*		*141*	*25-150*				
Surrogate: d9-N-EtFOSE	*163*		*"*	*250*		*65.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*216*		*"*	*250*		*86.4*	*25-150*				
LCS (BJ40832-BS2) LCS								Prepared: 10/13/2024 Analyzed: 10/15/2024			
Perfluorobutanesulfonic acid (PFBS)	6.94	1.77	ng/L	7.08		98.1	50-150				
Perfluorohexanoic acid (PFHxA)	8.40	2.00	"	8.00		105	50-150				
Perfluoroheptanoic acid (PFHpA)	9.89	2.00	"	8.00		124	50-150				
Perfluorohexanesulfonic acid (PFHxS)	8.14	1.83	"	7.32		111	50-150				
Perfluorooctanoic acid (PFOA)	7.22	2.00	"	8.00		90.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	8.27	1.86	"	7.44		111	50-150				
Perfluorononanoic acid (PFNA)	7.39	2.00	"	8.00		92.4	50-150				
Perfluorodecanoic acid (PFDA)	5.73	2.00	"	8.00		71.6	50-150				
Perfluoroundecanoic acid (PFUnA)	8.04	2.00	"	8.00		100	50-150				
Perfluorododecanoic acid (PFDoA)	6.44	2.00	"	8.00		80.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	8.40	2.00	"	8.00		105	50-150				
Perfluorotetradecanoic acid (PFTA)	7.77	2.00	"	8.00		97.1	50-150				
N-MeFOSAA	7.92	2.00	"	8.00		99.0	50-150				
N-EtFOSAA	8.14	2.00	"	8.00		102	50-150				
Perfluoropentanoic acid (PFPeA)	15.6	4.00	"	16.0		97.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	6.90	2.00	"	8.00		86.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	8.07	1.91	"	7.64		106	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.51	1.93	"	7.72		97.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	30.0	7.60	"	30.4		98.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	29.7	7.68	"	30.7		96.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	17.1	8.00	"	32.0		53.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	17.6	3.56	"	14.2		124	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	17.5	4.00	"	16.0		109	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.70	4.00	"	16.0		16.9	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	20.3	4.00	"	16.0		127	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.40	1.88	"	7.52		98.5	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	30.7	7.50	"	30.0		102	50-150				
HFPO-DA (Gen-X)	17.4	8.00	"	16.0		109	50-150				
11CL-PF3OUdS	13.8	7.56	"	15.1		91.0	50-150				
9CL-PF3ONS	15.3	7.48	"	15.0		102	50-150				
ADONA	12.3	7.56	"	15.1		81.3	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40832 - EPA 1633 Prep											
LCS (BJ40832-BS2) LCS									Prepared: 10/13/2024 Analyzed: 10/15/2024		
Perfluorododecanesulfonic acid (PFDoS)	5.40	1.94	ng/L	7.76		69.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	8.10	1.92	"	7.68		106	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	17.0	5.00	"	32.0		53.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	170	25.0	"	160		106	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	162	25.0	"	160		101	50-150				
N-MeFOSE	68.5	20.0	"	80.0		85.6	50-150				
N-MeFOSA	9.06	2.00	"	8.00		113	50-150				
N-EtFOSE	81.5	20.0	"	80.0		102	50-150				
N-EtFOSA	7.31	2.00	"	8.00		91.3	50-150				
Surrogate: M3PFBS	*24.1*		"	*23.3*		*103*	*25-150*				
Surrogate: M5PFHxA	*27.9*		"	*25.0*		*112*	*25-150*				
Surrogate: M4PFHpA	*25.2*		"	*25.0*		*101*	*25-150*				
Surrogate: M3PFHxS	*27.9*		"	*23.7*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*37.0*		"	*25.0*		*148*	*25-150*				
Surrogate: M6PFDA	*17.5*		"	*12.5*		*140*	*25-150*				
Surrogate: M7PFUdA	*18.5*		"	*12.5*		*148*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.6*		"	*12.5*		*133*	*25-150*				
Surrogate: M2PFTeDA	*12.9*		"	*12.5*		*103*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.88*		"	*100*		*3.88*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.4*		"	*24.0*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*40.8*		"	*50.0*		*81.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*23.1*		"	*25.0*		*92.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*50.4*		"	*50.0*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*57.1*		"	*50.0*		*114*	*25-150*				
Surrogate: M2-6:2 FTS	*21.2*		"	*47.6*		*44.6*	*25-200*				
Surrogate: M2-8:2 FTS	*40.6*		"	*48.0*		*84.7*	*25-200*				
Surrogate: M9PFNA	*14.7*		"	*12.5*		*117*	*25-150*				
Surrogate: M2-4:2 FTS	*10.1*		"	*46.9*		*21.6*	*25-150*				
Surrogate: d-N-MeFOSA	*19.7*		"	*25.0*		*78.9*	*25-150*				
Surrogate: d-N-EtFOSA	*15.1*		"	*25.0*		*60.4*	*25-150*				
Surrogate: M3HFPO-DA	*141*		"	*100*		*141*	*25-150*				
Surrogate: d9-N-EtFOSE	*172*		"	*250*		*68.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*211*		"	*250*		*84.2*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40832 - EPA 1633 Prep											
Duplicate (BJ40832-DUP1) Duplicate	*Source sample: 24J0664-04 (EB_10092024)								Prepared: 10/13/2024 Analyzed: 10/16/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	2.00	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	2.00	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	2.00	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	2.00	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	2.00	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"		ND					30	
N-MeFOSAA	ND	2.00	"		ND					30	
N-EtFOSAA	ND	2.00	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	4.01	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.62	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.70	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	8.02	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.57	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.01	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.01	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.01	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.52	"		ND					30	
HFPO-DA (Gen-X)	ND	8.02	"		ND					30	
11CL-PF3OUdS	ND	7.58	"		ND					30	
9CL-PF3ONS	ND	7.49	"		ND					30	
ADONA	ND	7.58	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.01	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.1	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.1	"		ND					30	
N-MeFOSE	4.35	20.0	"		ND					30	
N-MeFOSA	ND	2.00	"		ND					30	
N-EtFOSE	6.04	20.0	"		ND					30	
N-EtFOSA	ND	2.00	"		ND					30	
Surrogate: M3PFBS	*30.0*		"	*23.3*		*129*	*25-150*				
Surrogate: M5PFHxA	*34.5*		"	*25.1*		*138*	*25-150*				
Surrogate: M4PFHpA	*30.8*		"	*25.1*		*123*	*25-150*				
Surrogate: M3PFHxS	*33.5*		"	*23.7*		*141*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*36.0*		"	*25.1*		*144*	*25-150*				
Surrogate: M6PFDA	*15.4*		"	*12.5*		*123*	*25-150*				
Surrogate: M7PFUdA	*15.7*		"	*12.5*		*125*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.7*		"	*12.5*		*109*	*25-150*				
Surrogate: M2PFTeDA	*9.80*		"	*12.5*		*78.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40832 - EPA 1633 Prep											
Duplicate (BJ40832-DUP1) Duplicate	*Source sample: 24J0664-04 (EB_10092024)								Prepared: 10/13/2024 Analyzed: 10/16/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.54*		*ng/L*	*100*		*4.53*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.6*		*"*	*24.0*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*55.4*		*"*	*50.1*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.5*		*"*	*25.1*		*118*	*10-150*				
Surrogate: d3-N-MeFOSAA	*60.2*		*"*	*50.1*		*120*	*25-150*				
Surrogate: d5-N-EtFOSAA	*66.2*		*"*	*50.1*		*132*	*25-150*				
Surrogate: M2-6:2 FTS	*26.7*		*"*	*47.6*		*56.0*	*25-200*				
Surrogate: M2-8:2 FTS	*60.3*		*"*	*48.1*		*125*	*25-200*				
Surrogate: M9PFNA	*17.1*		*"*	*12.5*		*136*	*25-150*				
Surrogate: M2-4:2 FTS	*12.8*		*"*	*47.0*		*27.3*	*25-150*				
Surrogate: d-N-MeFOSA	*21.6*		*"*	*25.1*		*86.3*	*25-150*				
Surrogate: d-N-EtFOSA	*19.8*		*"*	*25.1*		*79.1*	*25-150*				
Surrogate: M3HFPO-DA	*151*		*"*	*100*		*151*	*25-150*				
Surrogate: d9-N-EtFOSE	*167*		*"*	*251*		*66.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*207*		*"*	*251*		*82.6*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40888 - EPA 3550C											
Blank (BJ40888-BLK1) Blank									Prepared & Analyzed: 10/14/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0347*		*"*	*0.0664*		*52.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0477*		*"*	*0.0664*		*71.8*	*30-150*				
LCS (BJ40888-BS1) LCS									Prepared & Analyzed: 10/14/2024		
4,4'-DDD	0.0178	0.00164	mg/kg wet	0.0332		53.6	40-140				
4,4'-DDE	0.0184	0.00164	"	0.0332		55.3	40-140				
4,4'-DDT	0.0189	0.00164	"	0.0332		56.9	40-140				
Aldrin	0.0185	0.00164	"	0.0332		55.7	40-140				
alpha-BHC	0.0200	0.00164	"	0.0332		60.1	40-140				
alpha-Chlordane	0.0186	0.00164	"	0.0332		56.1	40-140				
beta-BHC	0.0239	0.00164	"	0.0332		71.9	40-140				
delta-BHC	0.0196	0.00164	"	0.0332		59.0	40-140				
Dieldrin	0.0181	0.00164	"	0.0332		54.5	40-140				
Endosulfan I	0.0194	0.00164	"	0.0332		58.3	40-140				
Endosulfan II	0.0201	0.00164	"	0.0332		60.6	40-140				
Endosulfan sulfate	0.0192	0.00164	"	0.0332		57.9	40-140				
Endrin	0.0183	0.00164	"	0.0332		55.0	40-140				
Endrin aldehyde	0.0227	0.00164	"	0.0332		68.5	40-140				
Endrin ketone	0.0196	0.00164	"	0.0332		59.0	40-140				
gamma-BHC (Lindane)	0.0200	0.00164	"	0.0332		60.2	40-140				
gamma-Chlordane	0.0186	0.00164	"	0.0332		55.9	40-140				
Heptachlor	0.0199	0.00164	"	0.0332		59.9	40-140				
Heptachlor epoxide	0.0192	0.00164	"	0.0332		57.7	40-140				
Methoxychlor	0.0212	0.00164	"	0.0332		63.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0299*		*"*	*0.0664*		*45.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0418*		*"*	*0.0664*		*62.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40888 - EPA 3550C											
Matrix Spike (BJ40888-MS1) Matrix Spike	*Source sample: 24J0664-03 (PE70_18)							Prepared & Analyzed: 10/14/2024			
4,4'-DDD	0.0220	0.00182	mg/kg dry	0.0368	ND	59.9	30-150				
4,4'-DDE	0.0211	0.00182	"	0.0368	ND	57.4	30-150				
4,4'-DDT	0.0247	0.00182	"	0.0368	ND	67.1	30-150				
Aldrin	0.0217	0.00182	"	0.0368	ND	59.1	30-150				
alpha-BHC	0.0332	0.00182	"	0.0368	ND	90.4	30-150				
alpha-Chlordane	0.0216	0.00182	"	0.0368	ND	58.8	30-150				
beta-BHC	0.0293	0.00182	"	0.0368	ND	79.6	30-150				
delta-BHC	0.0245	0.00182	"	0.0368	ND	66.5	30-150				
Dieldrin	0.0217	0.00182	"	0.0368	ND	59.1	30-150				
Endosulfan I	0.0228	0.00182	"	0.0368	ND	62.0	30-150				
Endosulfan II	0.0238	0.00182	"	0.0368	ND	64.7	30-150				
Endosulfan sulfate	0.0229	0.00182	"	0.0368	ND	62.3	30-150				
Endrin	0.0223	0.00182	"	0.0368	ND	60.6	30-150				
Endrin aldehyde	0.0270	0.00182	"	0.0368	ND	73.5	30-150				
Endrin ketone	0.0238	0.00182	"	0.0368	ND	64.7	30-150				
gamma-BHC (Lindane)	0.0243	0.00182	"	0.0368	ND	66.0	30-150				
gamma-Chlordane	0.0215	0.00182	"	0.0368	ND	58.4	30-150				
Heptachlor	0.0272	0.00182	"	0.0368	ND	73.8	30-150				
Heptachlor epoxide	0.0226	0.00182	"	0.0368	ND	61.3	30-150				
Methoxychlor	0.0273	0.00182	"	0.0368	ND	74.2	30-150				
Surrogate: Decachlorobiphenyl	*0.0344*		*"*	*0.0736*		*46.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0460*		*"*	*0.0736*		*62.5*	*30-150*				
Matrix Spike Dup (BJ40888-M Matrix Spike Dup	*Source sample: 24J0664-03 (PE70_18)							Prepared & Analyzed: 10/14/2024			
4,4'-DDD	0.0209	0.00182	mg/kg dry	0.0368	ND	56.8	30-150		5.34	30	
4,4'-DDE	0.0199	0.00182	"	0.0368	ND	54.2	30-150		5.80	30	
4,4'-DDT	0.0237	0.00182	"	0.0368	ND	64.3	30-150		4.20	30	
Aldrin	0.0206	0.00182	"	0.0368	ND	56.0	30-150		5.42	30	
alpha-BHC	0.0327	0.00182	"	0.0368	ND	88.8	30-150		1.79	30	
alpha-Chlordane	0.0204	0.00182	"	0.0368	ND	55.4	30-150		5.94	30	
beta-BHC	0.0283	0.00182	"	0.0368	ND	77.0	30-150		3.31	30	
delta-BHC	0.0233	0.00182	"	0.0368	ND	63.4	30-150		4.76	30	
Dieldrin	0.0203	0.00182	"	0.0368	ND	55.3	30-150		6.72	30	
Endosulfan I	0.0214	0.00182	"	0.0368	ND	58.3	30-150		6.18	30	
Endosulfan II	0.0226	0.00182	"	0.0368	ND	61.4	30-150		5.18	30	
Endosulfan sulfate	0.0217	0.00182	"	0.0368	ND	59.1	30-150		5.41	30	
Endrin	0.0210	0.00182	"	0.0368	ND	57.1	30-150		6.00	30	
Endrin aldehyde	0.0255	0.00182	"	0.0368	ND	69.2	30-150		5.98	30	
Endrin ketone	0.0226	0.00182	"	0.0368	ND	61.5	30-150		5.03	30	
gamma-BHC (Lindane)	0.0232	0.00182	"	0.0368	ND	63.1	30-150		4.57	30	
gamma-Chlordane	0.0203	0.00182	"	0.0368	ND	55.2	30-150		5.77	30	
Heptachlor	0.0259	0.00182	"	0.0368	ND	70.3	30-150		4.87	30	
Heptachlor epoxide	0.0211	0.00182	"	0.0368	ND	57.2	30-150		6.90	30	
Methoxychlor	0.0260	0.00182	"	0.0368	ND	70.8	30-150		4.68	30	
Surrogate: Decachlorobiphenyl	*0.0332*		*"*	*0.0736*		*45.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0435*		*"*	*0.0736*		*59.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40888 - EPA 3550C											
Blank (BJ40888-BLK2) Blank								Prepared & Analyzed: 10/14/2024			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0820*		*"*	*0.0667*		*123*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0577*		*"*	*0.0667*		*86.5*	*30-120*				
LCS (BJ40888-BS2) LCS								Prepared & Analyzed: 10/14/2024			
Aroclor 1016	0.312	0.0166	mg/kg wet	0.332		93.8	40-130				
Aroclor 1260	0.317	0.0166	"	0.332		95.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0585*		*"*	*0.0664*		*88.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0402*		*"*	*0.0664*		*60.5*	*30-120*				
Matrix Spike (BJ40888-MS2) Matrix Spike *Source sample: 24J0664-03 (PE70_18)								Prepared & Analyzed: 10/14/2024			
Aroclor 1016	0.0589	0.0184	mg/kg dry	0.368	ND	16.0	40-140	Low Bias			
Aroclor 1260	0.158	0.0184	"	0.368	ND	42.9	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0600*		*"*	*0.0736*		*81.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0331*		*"*	*0.0736*		*45.0*	*30-120*				
Matrix Spike Dup (BJ40888-M Matrix Spike Dup *Source sample: 24J0664-03 (PE70_18)								Prepared & Analyzed: 10/14/2024			
Aroclor 1016	0.0746	0.0184	mg/kg dry	0.368	ND	20.3	40-140	Low Bias	23.6	50	
Aroclor 1260	0.175	0.0184	"	0.368	ND	47.5	40-140		10.2	50	
Surrogate: Tetrachloro-m-xylene	*0.0581*		*"*	*0.0736*		*79.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0357*		*"*	*0.0736*		*48.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40752 - EPA 3550C/8151A											
Blank (BJ40752-BLK1) Blank									Prepared: 10/11/2024 Analyzed: 10/12/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.386*		*"*	*0.415*		*93.0*	*21-150*				
LCS (BJ40752-BS1) LCS									Prepared: 10/11/2024 Analyzed: 10/12/2024		
2,4,5-T	0.0706	0.0199	mg/kg wet	0.0664		106	10-120				
2,4,5-TP (Silvex)	0.0706	0.0199	"	0.0664		106	10-120				
2,4-D	0.0615	0.0199	"	0.0664		92.5	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.399*		*"*	*0.415*		*96.0*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40910 - EPA 3050B											
Blank (BJ40910-BLK1) Blank									Prepared: 10/14/2024 Analyzed: 10/15/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BJ40910-SRM1) Reference									Prepared: 10/14/2024 Analyzed: 10/15/2024		
Aluminum	7210	4.17	mg/kg wet	7680		93.9	35.7-119				
Antimony	71.6	2.08	"	244		29.3	0-99.5				
Arsenic	249	1.25	"	283		87.8	69.9-101.4				
Barium	294	2.08	"	326		90.1	73.9-107.1				
Beryllium	153	0.042	"	175		87.4	75.4-107.4				
Cadmium	83.9	0.250	"	95.8		87.6	72.3-103.7				
Calcium	5330	4.17	"	5470		97.4	79.5-113.2				
Chromium	221	0.417	"	239		92.3	72.4-106.3				
Cobalt	140	0.333	"	150		93.2	76-107.3				
Copper	220	1.67	"	217		101	74.7-105.1				
Iron	6870	20.8	"	7360		93.4	53-127.9				
Lead	194	0.417	"	210		92.4	75.7-109.5				
Magnesium	1950	4.17	"	2080		93.9	67.3-111.1				
Manganese	272	0.417	"	290		93.7	73.4-108.3				
Nickel	305	0.830	"	329		92.6	74.5-106.7				
Potassium	2200	4.17	"	2330		94.2	60.9-111.6				
Selenium	283	2.08	"	281		101	77.6-116.7				
Silver	76.9	0.420	"	82.7		93.0	73.7-111.7				
Sodium	552	41.7	"	427		129	71.2-118.7	High Bias			
Thallium	103	2.08	"	123		83.5	70.2-104.8				
Vanadium	173	0.830	"	192		90.2	68.8-107.8				
Zinc	235	2.08	"	260		90.4	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40770 - EPA 7473 soil											
Blank (BJ40770-BLK1) Blank									Prepared: 10/11/2024 Analyzed: 10/12/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ40770-SRM1) Reference									Prepared: 10/11/2024 Analyzed: 10/12/2024		
Mercury	14.742		mg/kg	18.2		81.0	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40702 - Analysis Preparation Soil											
Blank (BJ40702-BLK1) Blank									Prepared & Analyzed: 10/10/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BJ40702-SRM1) Reference									Prepared & Analyzed: 10/10/2024		
Cyanide, total	40.5		ug/mL	59.7		67.8	38.5-161.4				
Batch BJ40905 - EPA SW846-3060											
Blank (BJ40905-BLK1) Blank									Prepared & Analyzed: 10/14/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BJ40905-SRM1) Reference									Prepared & Analyzed: 10/14/2024		
Chromium, Hexavalent	161		mg/L	227		71.1	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40678 - % Solids Prep											
Duplicate (BJ40678-DUP1) Duplicate	*Source sample: 24J0664-03 (PE70_18)								Prepared & Analyzed: 10/10/2024		
% Solids	88.7	0.100	%		90.3				1.79	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J0664-01	PE61_19	40mL Vial with Stir Bar-Cool 4° C
24J0664-02	PE64_16	40mL Vial with Stir Bar-Cool 4° C
24J0664-03	PE70_18	40mL Vial with Stir Bar-Cool 4° C
24J0664-05	TB_10092024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project Number: 24J0664

Page 1 of 1

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK

Report To:
Company: LANGAN
Address: 300 Kimball Drive Parsippany, NJ 07054
Phone: 973-560-4900
Contact: Lauren Kott
E-mail: lkott@langan.com

Invoice To:
Company:
Address:
Phone:
Contact:
E-mail:

YOUR Project Name / Number: 100688801 / 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day [ ] RUSH - Two Day [ ] RUSH - Three Day [ ] RUSH - Four Day [ ] RUSH - Five Day [ ] Standard (6-9 Day) [X] PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Andrew Ashley

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	SVOCs	Pesticides & Herbicides	PCBs	CN	TAL Metals	Cr^{3+} / Cr^{6+}	PFAS	1,4 - Dioxane	Grab or Comp.
~~PE6~~ PE61-19	10/9/24	1330	S	3		1								X	X	X	X	X	X	X	X	X	
PE62-18		1345	S	3		1								X	X	X	X	X	X	X	X	X	
PE64-16		1400	S	3		1								X	X	X	X	X	X	X	X	X	
PE70-18		1415	S	3		1								X	X	X	X	X	X	X	X	X	
EB-10092024	10/9/24	1430	Aqueous	2										X							X		
TB-10092024					2																		

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / ~~N~~ Containers Intact: ~~Y~~ / N COC/Labels Agree: ~~Y~~ / N Preservation Confirmed: ~~Y~~ / N
COC Complete: ~~Y~~ N COC Received: ~~Y~~ / N Appropriate Sample Volumes: ~~Y~~ / N Appropriate Sample Containers: ~~Y~~ / N
Cooler Temperature Confirmed: ~~Y~~ / N Samples Submitted within Holding Times: ~~Y~~ / N Corrective Action Form Required: Y / ~~N~~

1. Samples Relinquished by / Company: Andrew Ashley/Langan	Date/Time: 10/9/24 1511	1. Samples Received by / Company: Ronan Nunn	Date/Time: 10/9/24 1542
2. Samples Received by / Company:	Date/Time:	2. Samples Relinquished by / Company: Ronan Nunn	Date/Time: 10/9/24 20:35
3. Samples Relinquished by / Company:	Date/Time:	3. Samples Received by / Company:	Date/Time:
4. Samples Relinquished by / Company:	Date/Time:	4. Samples Received by / Company:	Date/Time:

Samples Received in LAB by: NCC8 Date/Time: 10/9/24 20:35 Temperature: 4.1 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/18/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0883

Report Date: 10/18/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J0883

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 11, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J0883-01	PE48_16.5	Soil	10/11/2024	10/11/2024
24J0883-02	EB_10112024	Water	10/11/2024	10/11/2024
24J0883-03	TB_10112024	Water	10/11/2024	10/11/2024

General Notes for York Project (SDG) No.: 24J0883

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 10/18/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0023**	J	mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.018**	ICVE	mg/kg dry	0.0045	0.0090	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0045	0.0090	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	10/15/2024 09:59	10/15/2024 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0959	0.192	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.192	0.384	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.384	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.192	0.384	2	EPA 8270D	10/16/2024 09:02	10/17/2024 17:57	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*55.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM	10/14/2024 08:32	10/17/2024 17:16	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.128	0.204	1	EPA 1633 Draft 3	10/16/2024 10:24	10/18/2024 13:39	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0609	0.230	1	EPA 1633 Draft 3	10/16/2024 10:24	10/18/2024 13:39	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.121	0.230	1	EPA 1633 Draft 3	10/16/2024 10:24	10/18/2024 13:39	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.206	0.210	1	EPA 1633 Draft 3	10/16/2024 10:24	10/18/2024 13:39	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.198	0.230	1	EPA 1633 Draft 3	10/16/2024 10:24	10/18/2024 13:39	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.192	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.217	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.220	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.228	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.187	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.144	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.118	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.170	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.223	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.125	0.460	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.168	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.178	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.684	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.868	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.125	0.920	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.160	0.409	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/16/2024 10:24	10/18/2024 13:39	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.222	0.460	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/16/2024 10:24	10/18/2024 13:39	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0713	0.460	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/16/2024 10:24	10/18/2024 13:39	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.110	0.460	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/16/2024 10:24	10/18/2024 13:39	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.181	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.684	0.862	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.699	0.920	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.358	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.283	0.860	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.200	0.869	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.194	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/16/2024 10:24	10/18/2024 13:39	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.143	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/16/2024 10:24	10/18/2024 13:39	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.729	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/16/2024 10:24	10/18/2024 13:39	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.41	5.75	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/16/2024 10:24	10/18/2024 13:39	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.72	5.75	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/16/2024 10:24	10/18/2024 13:39	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.703	2.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/16/2024 10:24	10/18/2024 13:39	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.207	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/16/2024 10:24	10/18/2024 13:39	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.801	2.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/16/2024 10:24	10/18/2024 13:39	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.228	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/16/2024 10:24	10/18/2024 13:39	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*104 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.3 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*116 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*69.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*46.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*20.7 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*88.6 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*96.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*92.7 %*		*10-150*

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*93.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*101 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*48.7 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*88.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*89.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*34.8 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*41.2 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*28.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*113 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*43.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*47.3 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.190	5	EPA 8081B	10/16/2024 14:46	10/16/2024 22:50	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A	10/16/2024 14:46	10/17/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A	10/16/2024 14:46	10/17/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A	10/16/2024 14:46	10/17/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A	10/16/2024 14:46	10/17/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A	10/16/2024 14:46	10/17/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A	10/16/2024 14:46	10/17/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A	10/16/2024 14:46	10/17/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A	10/16/2024 14:46	10/17/2024 06:53	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-120*

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0230	1	EPA 8151A	10/15/2024 08:35	10/15/2024 18:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0230	1	EPA 8151A	10/15/2024 08:35	10/15/2024 18:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0230	1	EPA 8151A	10/15/2024 08:35	10/15/2024 18:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*92.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9090**		mg/kg dry	4.84	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.42	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.45	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**10.1**		mg/kg dry	2.42	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.049	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.290	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**701**		mg/kg dry	4.84	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**12.7**		mg/kg dry	0.484	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.86**		mg/kg dry	0.387	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**6.17**		mg/kg dry	1.94	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**5440**		mg/kg dry	24.2	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**6.16**		mg/kg dry	0.484	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1670**		mg/kg dry	4.84	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**44.8**		mg/kg dry	0.484	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**10.3**		mg/kg dry	0.964	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**609**	M-CCV 1	mg/kg dry	4.84	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.42	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.488	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**161**	M-CCV 1	mg/kg dry	48.4	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.42	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**11.1**		mg/kg dry	0.964	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.0**		mg/kg dry	2.41	1	EPA 6010D	10/15/2024 14:34	10/17/2024 13:09	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0348	1	EPA 7473	10/15/2024 13:29	10/16/2024 14:12	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.581	1	EPA 7196A	10/14/2024 14:42	10/14/2024 23:05	SHS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE48_16.5 **York Sample ID:** 24J0883-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Soil	October 11, 2024 12:00 pm	10/11/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	12.7		mg/kg	0.500	1	Calculation	10/16/2024 08:16	10/17/2024 17:44	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.581	1	EPA 9014/9010C	10/15/2024 08:03	10/15/2024 15:08	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.1		%	0.100	1	SM 2540G	10/16/2024 11:43	10/16/2024 15:15	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: EB_10112024 **York Sample ID:** 24J0883-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Water	October 11, 2024 12:15 pm	10/11/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.465	1.75	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.347	1.98	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.703	1.98	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.673	1.81	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.416	1.98	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.812	1.84	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.515	1.98	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.743	1.98	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.12	1.98	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.871	1.98	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.733	1.98	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.683	1.98	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.782	1.98	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.98	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.228	3.96	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.871	1.98	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.901	1.89	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.31	1.91	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.05	7.53	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.03	7.61	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.327	7.92	1	EPA 1633 Draft 3	10/15/2024 15:38	10/17/2024 18:02	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: EB_10112024 **York Sample ID:** 24J0883-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Water	October 11, 2024 12:15 pm	10/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.495	3.53	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/15/2024 15:38	10/17/2024 18:02	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.12	3.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/15/2024 15:38	10/17/2024 18:02	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.248	3.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/15/2024 15:38	10/17/2024 18:02	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.366	3.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/15/2024 15:38	10/17/2024 18:02	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.753	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/15/2024 15:38	10/17/2024 18:02	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.77	7.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/15/2024 15:38	10/17/2024 18:02	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.20	7.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/15/2024 15:38	10/17/2024 18:02	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.37	7.49	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/15/2024 15:38	10/17/2024 18:02	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.693	7.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/15/2024 15:38	10/17/2024 18:02	AM
919005-14-4	ADONA	ND		ng/L	0.525	7.49	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/15/2024 15:38	10/17/2024 18:02	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.921	1.92	1	EPA 1633 Draft 3 Certifications:	10/15/2024 15:38	10/17/2024 18:02	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.852	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/15/2024 15:38	10/17/2024 18:02	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.01	4.95	1	EPA 1633 Draft 3 Certifications:	10/15/2024 15:38	10/17/2024 18:02	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.26	24.8	1	EPA 1633 Draft 3 Certifications:	10/15/2024 15:38	10/17/2024 18:02	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.38	24.8	1	EPA 1633 Draft 3 Certifications:	10/15/2024 15:38	10/17/2024 18:02	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.95	19.8	1	EPA 1633 Draft 3 Certifications:	10/15/2024 15:38	10/17/2024 18:02	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.56	1.98	1	EPA 1633 Draft 3 Certifications:	10/15/2024 15:38	10/17/2024 18:02	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.95	19.8	1	EPA 1633 Draft 3 Certifications:	10/15/2024 15:38	10/17/2024 18:02	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.78	1.98	1	EPA 1633 Draft 3 Certifications:	10/15/2024 15:38	10/17/2024 18:02	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*117 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*	*25-150*

Sample Information

Client Sample ID: EB_10112024 **York Sample ID:** 24J0883-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Water	October 11, 2024 12:15 pm	10/11/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*131 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*125 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*122 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*104 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.8 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.76 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*80.7 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*110 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*93.9 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*107 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*45.9 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*67.1 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*112 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*29.0 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*85.2 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*63.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*126 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*71.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*81.5 %*			*25-150*						

Sample Information

Client Sample ID: TB_10112024 **York Sample ID:** 24J0883-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Water	October 11, 2024 12:15 pm	10/11/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10112024 **York Sample ID:** 24J0883-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Water	October 11, 2024 12:15 pm	10/11/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10112024 **York Sample ID:** 24J0883-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Water	October 11, 2024 12:15 pm	10/11/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB_10112024 **York Sample ID:** 24J0883-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J0883	100688801	Water	October 11, 2024 12:15 pm	10/11/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/14/2024 07:59	10/14/2024 13:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*75.0 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*109 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.8 %*	*70-130*

Analytical Batch Summary

Batch ID: BJ40855 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-03	TB_10112024	10/14/24
BJ40855-BLK1	Blank	10/14/24
BJ40855-BS1	LCS	10/14/24
BJ40855-BSD1	LCS Dup	10/14/24

Batch ID: BJ40869 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-01	PE48_16.5	10/14/24
BJ40869-BLK1	Blank	10/14/24
BJ40869-BS1	LCS	10/14/24

Batch ID: BJ40905 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-01	PE48_16.5	10/14/24
BJ40905-BLK1	Blank	10/14/24
BJ40905-SRM1	Reference	10/14/24

Batch ID: BJ40937 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-01	PE48_16.5	10/15/24
BJ40937-BLK1	Blank	10/15/24
BJ40937-SRM1	Reference	10/15/24

Batch ID: BJ40954 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-01	PE48_16.5	10/15/24
BJ40954-BLK1	Blank	10/15/24
BJ40954-BS1	LCS	10/15/24

Batch ID: BJ40989 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-01	PE48_16.5	10/15/24
BJ40989-BLK1	Blank	10/15/24
BJ40989-SRM1	Reference	10/15/24

Batch ID: BJ40996 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-01	PE48_16.5	10/15/24
BJ40996-BLK1	Blank	10/15/24
BJ40996-BLK2	Blank	10/15/24
BJ40996-SRM1	Reference	10/15/24
BJ40996-SRM2	Reference	10/15/24

Batch ID: BJ41007 **Preparation Method:** EPA 1633 Prep **Prepared By:** DRF

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-02	EB_10112024	10/15/24
BJ41007-BLK1	Blank	10/15/24
BJ41007-BS1	LCS	10/15/24
BJ41007-BS2	LCS	10/15/24

Batch ID: BJ41025 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-01	PE48_16.5	10/16/24

Batch ID: BJ41053 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-01	PE48_16.5	10/16/24
BJ41053-BLK1	Blank	10/16/24
BJ41053-BS1	LCS	10/16/24

Batch ID: BJ41068 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-01	PE48_16.5	10/15/24
BJ41068-BLK1	Blank	10/15/24
BJ41068-BS1	LCS	10/15/24
BJ41068-BSD1	LCS Dup	10/15/24

Batch ID: BJ41072 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-01	PE48_16.5	10/16/24
BJ41072-BLK1	Blank	10/16/24
BJ41072-BS1	LCS	10/16/24
BJ41072-BS2	LCS	10/16/24

Batch ID: BJ41082 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-01	PE48_16.5	10/16/24
BJ41082-DUP1	Duplicate	10/16/24

Batch ID: BJ41098 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J0883-01	PE48_16.5	10/16/24
24J0883-01	PE48_16.5	10/16/24
BJ41098-BLK1	Blank	10/16/24
BJ41098-BLK2	Blank	10/16/24
BJ41098-BS1	LCS	10/16/24
BJ41098-BS2	LCS	10/16/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40855 - EPA 5030B											
Blank (BJ40855-BLK1) Blank									Prepared & Analyzed: 10/14/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40855 - EPA 5030B											
Blank (BJ40855-BLK1) Blank								Prepared & Analyzed: 10/14/2024			
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.43*		*"*	*10.0*		*84.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*70-130*				
LCS (BJ40855-BS1) LCS								Prepared & Analyzed: 10/14/2024			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126			30	
1,1,1-Trichloroethane	10.5		"	10.0		105	70-130			20	
1,1,2,2-Tetrachloroethane	9.33		"	10.0		93.3	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	70-130			20	
1,1,2-Trichloroethane	9.47		"	10.0		94.7	70-130			20	
1,1-Dichloroethane	10.8		"	10.0		108	70-130			20	
1,1-Dichloroethylene	11.1		"	10.0		111	70-130			20	
1,1-Dichloropropylene	10.9		"	10.0		109	83-133			30	
1,2,3-Trichlorobenzene	7.76		"	10.0		77.6	70-130			20	
1,2,3-Trichloropropane	8.69		"	10.0		86.9	77-128			30	
1,2,4-Trichlorobenzene	7.94		"	10.0		79.4	70-130			20	
1,2,4-Trimethylbenzene	9.51		"	10.0		95.1	82-132			20	
1,2-Dibromo-3-chloropropane	8.87		"	10.0		88.7	40-160			20	
1,2-Dibromoethane	9.24		"	10.0		92.4	70-130			20	
1,2-Dichlorobenzene	8.92		"	10.0		89.2	70-130			20	
1,2-Dichloroethane	10.8		"	10.0		108	70-130			20	
1,2-Dichloropropane	10.4		"	10.0		104	70-130			20	
1,3,5-Trimethylbenzene	9.89		"	10.0		98.9	80-131			30	
1,3-Dichlorobenzene	9.13		"	10.0		91.3	70-130			20	
1,3-Dichloropropane	9.70		"	10.0		97.0	81-125			30	
1,4-Dichlorobenzene	8.74		"	10.0		87.4	70-130			20	
1,4-Dioxane	226		"	210		108	40-160			20	
2,2-Dichloropropane	11.4		"	10.0		114	56-150			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40855 - EPA 5030B											
LCS (BJ40855-BS1) LCS							Prepared & Analyzed: 10/14/2024				
2-Butanone	10.7		ug/L	10.0		107	40-160			20	
2-Chlorotoluene	9.78		"	10.0		97.8	79-130			30	
2-Hexanone	8.83		"	10.0		88.3	40-160			20	
4-Chlorotoluene	9.87		"	10.0		98.7	79-128			30	
4-Methyl-2-pentanone	7.98		"	10.0		79.8	40-160			20	
Acetone	11.0		"	10.0		110	40-160			20	
Acrolein	0.990		"	10.0		9.90	10-153	Low Bias		30	
Acrylonitrile	10.1		"	10.0		101	51-150			30	
Benzene	11.2		"	10.0		112	70-130			20	
Bromobenzene	9.52		"	10.0		95.2	78-129			30	
Bromochloromethane	11.1		"	10.0		111	70-130			20	
Bromodichloromethane	10.2		"	10.0		102	70-130			20	
Bromoform	7.01		"	10.0		70.1	70-130			20	
Bromomethane	9.68		"	10.0		96.8	40-160			20	
Carbon disulfide	11.4		"	10.0		114	40-160			20	
Carbon tetrachloride	10.9		"	10.0		109	70-130			20	
Chlorobenzene	9.77		"	10.0		97.7	70-130			20	
Chloroethane	9.93		"	10.0		99.3	40-160			20	
Chloroform	10.7		"	10.0		107	70-130			20	
Chloromethane	8.67		"	10.0		86.7	40-160			20	
cis-1,2-Dichloroethylene	11.2		"	10.0		112	70-130			20	
cis-1,3-Dichloropropylene	9.79		"	10.0		97.9	70-130			20	
Cyclohexane	5.24		"	10.0		52.4	70-130	Low Bias		20	
Dibromochloromethane	8.21		"	10.0		82.1	70-130			20	
Dibromomethane	9.35		"	10.0		93.5	72-134			30	
Dichlorodifluoromethane	6.23		"	10.0		62.3	40-160			20	
Ethyl Benzene	10.7		"	10.0		107	70-130			20	
Hexachlorobutadiene	6.89		"	10.0		68.9	67-146			30	
Isopropylbenzene	9.88		"	10.0		98.8	70-130			20	
Methyl acetate	9.51		"	10.0		95.1	70-130			20	
Methyl tert-butyl ether (MTBE)	9.78		"	10.0		97.8	70-130			20	
Methylcyclohexane	9.33		"	10.0		93.3	70-130			20	
Methylene chloride	11.1		"	10.0		111	70-130			20	
n-Butylbenzene	9.49		"	10.0		94.9	79-132			30	
n-Propylbenzene	10.2		"	10.0		102	78-133			30	
o-Xylene	10.2		"	10.0		102	70-130			20	
p- & m- Xylenes	21.3		"	20.0		107	70-130			20	
p-Isopropyltoluene	9.79		"	10.0		97.9	81-136			30	
sec-Butylbenzene	9.61		"	10.0		96.1	79-137			30	
Styrene	10.7		"	10.0		107	70-130			20	
tert-Butyl alcohol (TBA)	91.8		"	50.0		184	25-162	High Bias		30	
tert-Butylbenzene	8.49		"	10.0		84.9	77-138			30	
Tetrachloroethylene	9.28		"	10.0		92.8	70-130			20	
Toluene	10.3		"	10.0		103	70-130			20	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	70-130			20	
trans-1,3-Dichloropropylene	9.88		"	10.0		98.8	70-130			20	
Trichloroethylene	9.88		"	10.0		98.8	70-130			20	
Trichlorofluoromethane	10.4		"	10.0		104	40-160			20	
Vinyl Chloride	9.09		"	10.0		90.9	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.41*		*"*	*10.0*		*94.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40855 - EPA 5030B											
LCS (BJ40855-BS1) LCS								Prepared & Analyzed: 10/14/2024			
Surrogate: SURR: p-Bromofluorobenzene	*9.49*		*ug/L*	*10.0*		*94.9*	*70-130*				
LCS Dup (BJ40855-BSD1) LCS Dup								Prepared & Analyzed: 10/14/2024			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126		4.46	30	
1,1,1-Trichloroethane	11.2		"	10.0		112	70-130		5.80	20	
1,1,2,2-Tetrachloroethane	9.60		"	10.0		96.0	70-130		2.85	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	70-130		7.73	20	
1,1,2-Trichloroethane	9.84		"	10.0		98.4	70-130		3.83	20	
1,1-Dichloroethane	11.4		"	10.0		114	70-130		6.13	20	
1,1-Dichloroethylene	11.9		"	10.0		119	70-130		7.39	20	
1,1-Dichloropropylene	11.7		"	10.0		117	83-133		6.46	30	
1,2,3-Trichlorobenzene	8.18		"	10.0		81.8	70-130		5.27	20	
1,2,3-Trichloropropane	9.18		"	10.0		91.8	77-128		5.48	30	
1,2,4-Trichlorobenzene	8.36		"	10.0		83.6	70-130		5.15	20	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		7.98	20	
1,2-Dibromo-3-chloropropane	9.23		"	10.0		92.3	40-160		3.98	20	
1,2-Dibromoethane	9.48		"	10.0		94.8	70-130		2.56	20	
1,2-Dichlorobenzene	9.47		"	10.0		94.7	70-130		5.98	20	
1,2-Dichloroethane	10.9		"	10.0		109	70-130		0.922	20	
1,2-Dichloropropane	11.0		"	10.0		110	70-130		4.86	20	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131		8.15	30	
1,3-Dichlorobenzene	9.73		"	10.0		97.3	70-130		6.36	20	
1,3-Dichloropropane	10.0		"	10.0		100	81-125		3.05	30	
1,4-Dichlorobenzene	9.29		"	10.0		92.9	70-130		6.10	20	
1,4-Dioxane	232		"	210		110	40-160		2.47	20	
2,2-Dichloropropane	12.0		"	10.0		120	56-150		5.72	30	
2-Butanone	11.0		"	10.0		110	40-160		3.13	20	
2-Chlorotoluene	10.5		"	10.0		105	79-130		6.72	30	
2-Hexanone	8.81		"	10.0		88.1	40-160		0.227	20	
4-Chlorotoluene	10.7		"	10.0		107	79-128		8.16	30	
4-Methyl-2-pentanone	8.01		"	10.0		80.1	40-160		0.375	20	
Acetone	10.2		"	10.0		102	40-160		7.83	20	
Acrolein	1.10		"	10.0		11.0	10-153		10.5	30	
Acrylonitrile	10.4		"	10.0		104	51-150		3.31	30	
Benzene	11.6		"	10.0		116	70-130		4.21	20	
Bromobenzene	10.2		"	10.0		102	78-129		6.80	30	
Bromochloromethane	11.4		"	10.0		114	70-130		2.57	20	
Bromodichloromethane	10.6		"	10.0		106	70-130		3.45	20	
Bromoform	7.19		"	10.0		71.9	70-130		2.54	20	
Bromomethane	10.3		"	10.0		103	40-160		6.50	20	
Carbon disulfide	11.9		"	10.0		119	40-160		4.89	20	
Carbon tetrachloride	11.5		"	10.0		115	70-130		5.71	20	
Chlorobenzene	10.4		"	10.0		104	70-130		6.44	20	
Chloroethane	10.7		"	10.0		107	40-160		7.09	20	
Chloroform	11.3		"	10.0		113	70-130		5.00	20	
Chloromethane	9.19		"	10.0		91.9	40-160		5.82	20	
cis-1,2-Dichloroethylene	11.7		"	10.0		117	70-130		4.37	20	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	70-130		4.88	20	
Cyclohexane	5.63		"	10.0		56.3	70-130	Low Bias	7.18	20	
Dibromochloromethane	8.33		"	10.0		83.3	70-130		1.45	20	
Dibromomethane	9.65		"	10.0		96.5	72-134		3.16	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40855 - EPA 5030B											
LCS Dup (BJ40855-BSD1) LCS Dup							Prepared & Analyzed: 10/14/2024				
Dichlorodifluoromethane	6.49		ug/L	10.0		64.9	40-160		4.09	20	
Ethyl Benzene	11.5		"	10.0		115	70-130		6.84	20	
Hexachlorobutadiene	8.40		"	10.0		84.0	67-146		19.8	30	
Isopropylbenzene	10.8		"	10.0		108	70-130		8.53	20	
Methyl acetate	9.58		"	10.0		95.8	70-130		0.733	20	
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	70-130		2.72	20	
Methylcyclohexane	10.0		"	10.0		100	70-130		7.43	20	
Methylene chloride	11.6		"	10.0		116	70-130		4.59	20	
n-Butylbenzene	10.4		"	10.0		104	79-132		8.86	30	
n-Propylbenzene	11.0		"	10.0		110	78-133		7.64	30	
o-Xylene	10.9		"	10.0		109	70-130		6.24	20	
p- & m- Xylenes	22.6		"	20.0		113	70-130		5.69	20	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		8.88	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		6.74	30	
Styrene	11.2		"	10.0		112	70-130		4.58	20	
tert-Butyl alcohol (TBA)	84.2		"	50.0		168	25-162	High Bias	8.64	30	
tert-Butylbenzene	9.06		"	10.0		90.6	77-138		6.50	30	
Tetrachloroethylene	9.97		"	10.0		99.7	70-130		7.17	20	
Toluene	11.0		"	10.0		110	70-130		6.29	20	
trans-1,2-Dichloroethylene	11.8		"	10.0		118	70-130		6.99	20	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	70-130		2.89	20	
Trichloroethylene	10.7		"	10.0		107	70-130		7.69	20	
Trichlorofluoromethane	11.0		"	10.0		110	40-160		5.24	20	
Vinyl Chloride	9.58		"	10.0		95.8	70-130		5.25	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.29*		*"*	*10.0*		*92.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.51*		*"*	*10.0*		*95.1*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41068 - EPA 5035A											
Blank (BJ41068-BLK1) Blank									Prepared & Analyzed: 10/15/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41068 - EPA 5035A											
Blank (BJ41068-BLK1) Blank								Prepared & Analyzed: 10/15/2024			
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*ug/L*	*50.0*		*99.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.0*		*"*	*50.0*		*104*	*76-130*				
LCS (BJ41068-BS1) LCS								Prepared & Analyzed: 10/15/2024			
1,1,1,2-Tetrachloroethane	49.1		ug/L	50.0		98.2	75-129			30	
1,1,1-Trichloroethane	43.8		"	50.0		87.7	70-130			30	
1,1,2,2-Tetrachloroethane	50.4		"	50.0		101	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.6		"	50.0		85.2	70-130			30	
1,1,2-Trichloroethane	48.2		"	50.0		96.5	70-130			30	
1,1-Dichloroethane	44.2		"	50.0		88.5	70-130			30	
1,1-Dichloroethylene	44.4		"	50.0		88.7	70-130			30	
1,1-Dichloropropylene	45.8		"	50.0		91.6	77-127			30	
1,2,3-Trichlorobenzene	51.8		"	50.0		104	70-130			30	
1,2,3-Trichloropropane	48.5		"	50.0		97.0	81-126			30	
1,2,4-Trichlorobenzene	54.2		"	50.0		108	70-130			30	
1,2,4-Trimethylbenzene	51.2		"	50.0		102	84-125			30	
1,2-Dibromo-3-chloropropane	51.9		"	50.0		104	40-160			30	
1,2-Dibromoethane	47.8		"	50.0		95.7	70-130			30	
1,2-Dichlorobenzene	48.2		"	50.0		96.5	70-130			30	
1,2-Dichloroethane	45.0		"	50.0		89.9	70-130			30	
1,2-Dichloropropane	49.5		"	50.0		99.1	70-130			30	
1,3,5-Trimethylbenzene	50.5		"	50.0		101	82-126			30	
1,3-Dichlorobenzene	48.8		"	50.0		97.6	70-130			30	
1,3-Dichloropropane	49.1		"	50.0		98.3	83-123			30	
1,4-Dichlorobenzene	48.7		"	50.0		97.4	70-130			30	
1,4-Dioxane	841		"	1050		80.1	40-160			30	
2,2-Dichloropropane	57.3		"	50.0		115	67-136			30	
2-Butanone	42.7		"	50.0		85.5	40-160			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41068 - EPA 5035A											
LCS (BJ41068-BS1) LCS								Prepared & Analyzed: 10/15/2024			
2-Chlorotoluene	49.6		ug/L	50.0		99.2	78-127			30	
2-Hexanone	50.4		"	50.0		101	40-160			30	
4-Chlorotoluene	49.7		"	50.0		99.4	79-125			30	
4-Methyl-2-pentanone	37.8		"	50.0		75.6	40-160			30	
Acetone	27.2		"	50.0		54.5	40-160			30	
Acrolein	2.88		"	50.0		5.76	10-238	Low Bias		30	
Acrylonitrile	46.9		"	50.0		93.8	66-141			30	
Benzene	45.5		"	50.0		90.9	70-130			30	
Bromobenzene	51.2		"	50.0		102	77-129			30	
Bromochloromethane	46.2		"	50.0		92.3	70-130			30	
Bromodichloromethane	48.8		"	50.0		97.5	70-130			30	
Bromoform	49.1		"	50.0		98.2	70-130			30	
Bromomethane	37.6		"	50.0		75.2	40-160			30	
Carbon disulfide	42.6		"	50.0		85.1	40-160			30	
Carbon tetrachloride	43.5		"	50.0		87.0	70-130			30	
Chlorobenzene	46.4		"	50.0		92.9	70-130			30	
Chloroethane	35.1		"	50.0		70.2	51-142			30	
Chloroform	44.2		"	50.0		88.4	70-130			30	
Chloromethane	34.5		"	50.0		69.1	49-132			30	
cis-1,2-Dichloroethylene	46.1		"	50.0		92.3	70-130			30	
cis-1,3-Dichloropropylene	50.9		"	50.0		102	70-130			30	
Cyclohexane	45.4		"	50.0		90.8	70-130			30	
Dibromochloromethane	48.1		"	50.0		96.1	70-130			30	
Dibromomethane	45.7		"	50.0		91.4	83-124			30	
Dichlorodifluoromethane	20.2		"	50.0		40.4	40-160			30	
Ethyl Benzene	50.4		"	50.0		101	70-130			30	
Hexachlorobutadiene	52.9		"	50.0		106	83-133			30	
Isopropylbenzene	51.0		"	50.0		102	70-130			30	
Methyl acetate	41.9		"	50.0		83.8	70-130			30	
Methyl tert-butyl ether (MTBE)	52.0		"	50.0		104	70-130			30	
Methylcyclohexane	46.3		"	50.0		92.6	70-130			30	
Methylene chloride	43.0		"	50.0		85.9	70-130			30	
n-Butylbenzene	52.1		"	50.0		104	80-130			30	
n-Propylbenzene	50.3		"	50.0		101	74-136			30	
o-Xylene	49.7		"	50.0		99.3	70-130			30	
p- & m- Xylenes	97.9		"	100		97.9	70-130			30	
p-Isopropyltoluene	54.2		"	50.0		108	85-125			30	
sec-Butylbenzene	52.2		"	50.0		104	83-125			30	
Styrene	51.5		"	50.0		103	70-130			30	
tert-Butyl alcohol (TBA)	274		"	250		110	70-130			30	
tert-Butylbenzene	44.4		"	50.0		88.7	80-127			30	
Tetrachloroethylene	43.0		"	50.0		86.1	70-130			30	
Toluene	48.4		"	50.0		96.8	70-130			30	
trans-1,2-Dichloroethylene	44.6		"	50.0		89.1	70-130			30	
trans-1,3-Dichloropropylene	55.6		"	50.0		111	70-130			30	
Trichloroethylene	48.0		"	50.0		96.1	70-130			30	
Trichlorofluoromethane	36.5		"	50.0		73.0	40-160			30	
Vinyl Chloride	37.7		"	50.0		75.4	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.6*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.0*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41068 - EPA 5035A											
LCS (BJ41068-BS1) LCS								Prepared & Analyzed: 10/15/2024			
LCS Dup (BJ41068-BSD1) LCS Dup								Prepared & Analyzed: 10/15/2024			
1,1,1,2-Tetrachloroethane	49.3		ug/L	50.0		98.6	75-129		0.427	30	
1,1,1-Trichloroethane	45.4		"	50.0		90.8	70-130		3.52	30	
1,1,2,2-Tetrachloroethane	51.4		"	50.0		103	70-130		1.89	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.2		"	50.0		88.4	70-130		3.71	30	
1,1,2-Trichloroethane	48.5		"	50.0		96.9	70-130		0.476	30	
1,1-Dichloroethane	45.4		"	50.0		90.9	70-130		2.65	30	
1,1-Dichloroethylene	45.4		"	50.0		90.9	70-130		2.43	30	
1,1-Dichloropropylene	46.8		"	50.0		93.7	77-127		2.31	30	
1,2,3-Trichlorobenzene	53.7		"	50.0		107	70-130		3.72	30	
1,2,3-Trichloropropane	49.0		"	50.0		97.9	81-126		0.903	30	
1,2,4-Trichlorobenzene	56.6		"	50.0		113	70-130		4.31	30	
1,2,4-Trimethylbenzene	53.2		"	50.0		106	84-125		3.70	30	
1,2-Dibromo-3-chloropropane	52.6		"	50.0		105	40-160		1.30	30	
1,2-Dibromoethane	47.9		"	50.0		95.8	70-130		0.146	30	
1,2-Dichlorobenzene	51.0		"	50.0		102	70-130		5.48	30	
1,2-Dichloroethane	45.7		"	50.0		91.4	70-130		1.63	30	
1,2-Dichloropropane	51.2		"	50.0		102	70-130		3.35	30	
1,3,5-Trimethylbenzene	52.2		"	50.0		104	82-126		3.35	30	
1,3-Dichlorobenzene	50.4		"	50.0		101	70-130		3.20	30	
1,3-Dichloropropane	49.9		"	50.0		99.8	83-123		1.53	30	
1,4-Dichlorobenzene	50.3		"	50.0		101	70-130		3.15	30	
1,4-Dioxane	827		"	1050		78.8	40-160		1.66	30	
2,2-Dichloropropane	59.4		"	50.0		119	67-136		3.62	30	
2-Butanone	42.5		"	50.0		84.9	40-160		0.610	30	
2-Chlorotoluene	51.0		"	50.0		102	78-127		2.86	30	
2-Hexanone	49.6		"	50.0		99.3	40-160		1.48	30	
4-Chlorotoluene	51.6		"	50.0		103	79-125		3.79	30	
4-Methyl-2-pentanone	38.3		"	50.0		76.6	40-160		1.31	30	
Acetone	26.8		"	50.0		53.7	40-160		1.41	30	
Acrolein	2.98		"	50.0		5.96	10-238	Low Bias	3.41	30	
Acrylonitrile	46.1		"	50.0		92.1	66-141		1.76	30	
Benzene	46.8		"	50.0		93.5	70-130		2.80	30	
Bromobenzene	52.3		"	50.0		105	77-129		2.11	30	
Bromochloromethane	47.0		"	50.0		93.9	70-130		1.72	30	
Bromodichloromethane	49.2		"	50.0		98.5	70-130		0.979	30	
Bromoform	48.1		"	50.0		96.2	70-130		2.14	30	
Bromomethane	38.3		"	50.0		76.7	40-160		1.98	30	
Carbon disulfide	42.8		"	50.0		85.6	40-160		0.586	30	
Carbon tetrachloride	45.6		"	50.0		91.1	70-130		4.69	30	
Chlorobenzene	48.3		"	50.0		96.7	70-130		4.01	30	
Chloroethane	36.0		"	50.0		72.1	51-142		2.67	30	
Chloroform	45.6		"	50.0		91.1	70-130		3.01	30	
Chloromethane	33.0		"	50.0		66.0	49-132		4.53	30	
cis-1,2-Dichloroethylene	46.9		"	50.0		93.9	70-130		1.72	30	
cis-1,3-Dichloropropylene	52.4		"	50.0		105	70-130		2.75	30	
Cyclohexane	46.4		"	50.0		92.8	70-130		2.24	30	
Dibromochloromethane	47.6		"	50.0		95.3	70-130		0.899	30	
Dibromomethane	46.4		"	50.0		92.9	83-124		1.58	30	
Dichlorodifluoromethane	19.2		"	50.0		38.3	40-160	Low Bias	5.34	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41068 - EPA 5035A											
LCS Dup (BJ41068-BSD1) LCS Dup								Prepared & Analyzed: 10/15/2024			
Ethyl Benzene	51.1		ug/L	50.0		102	70-130		1.44	30	
Hexachlorobutadiene	55.3		"	50.0		111	83-133		4.53	30	
Isopropylbenzene	53.3		"	50.0		107	70-130		4.53	30	
Methyl acetate	42.8		"	50.0		85.5	70-130		2.01	30	
Methyl tert-butyl ether (MTBE)	53.1		"	50.0		106	70-130		2.04	30	
Methylcyclohexane	46.8		"	50.0		93.5	70-130		0.945	30	
Methylene chloride	44.1		"	50.0		88.3	70-130		2.71	30	
n-Butylbenzene	53.8		"	50.0		108	80-130		3.21	30	
n-Propylbenzene	52.4		"	50.0		105	74-136		4.05	30	
o-Xylene	50.7		"	50.0		101	70-130		2.11	30	
p- & m- Xylenes	99.2		"	100		99.2	70-130		1.30	30	
p-Isopropyltoluene	54.7		"	50.0		109	85-125		0.881	30	
sec-Butylbenzene	52.6		"	50.0		105	83-125		0.725	30	
Styrene	52.5		"	50.0		105	70-130		1.96	30	
tert-Butyl alcohol (TBA)	274		"	250		110	70-130		0.182	30	
tert-Butylbenzene	45.5		"	50.0		91.1	80-127		2.60	30	
Tetrachloroethylene	44.0		"	50.0		88.0	70-130		2.14	30	
Toluene	49.3		"	50.0		98.7	70-130		1.92	30	
trans-1,2-Dichloroethylene	45.9		"	50.0		91.9	70-130		3.05	30	
trans-1,3-Dichloropropylene	56.2		"	50.0		112	70-130		1.02	30	
Trichloroethylene	48.6		"	50.0		97.2	70-130		1.14	30	
Trichlorofluoromethane	37.0		"	50.0		74.0	40-160		1.44	30	
Vinyl Chloride	36.4		"	50.0		72.7	70-130		3.62	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41053 - EPA 3550C											
Blank (BJ41053-BLK1) Blank									Prepared: 10/16/2024 Analyzed: 10/17/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41053 - EPA 3550C											
Blank (BJ41053-BLK1) Blank									Prepared: 10/16/2024 Analyzed: 10/17/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.20*		"	*1.66*		*72.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*1.66*		*69.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.681*		"	*0.831*		*82.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.636*		"	*0.831*		*76.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.30*		"	*1.66*		*78.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.668*		"	*0.831*		*80.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41053 - EPA 3550C											
LCS (BJ41053-BS1) LCS								Prepared: 10/16/2024 Analyzed: 10/17/2024			
1,1-Biphenyl	0.650	0.0416	mg/kg wet	0.831		78.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.639	0.0830	"	0.831		76.9	21-131				
1,2,4-Trichlorobenzene	0.637	0.0416	"	1.25		51.1	10-140				
1,2-Dichlorobenzene	0.586	0.0416	"	1.25		47.0	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.646	0.0416	"	1.25		51.8	17-137				
1,3-Dichlorobenzene	0.575	0.0416	"	1.25		46.2	33-110				
1,4-Dichlorobenzene	0.570	0.0416	"	1.25		45.8	32-104				
2,3,4,6-Tetrachlorophenol	0.773	0.0830	"	1.25		62.1	30-130				
2,4,5-Trichlorophenol	0.710	0.0416	"	1.25		57.0	27-118				
2,4,6-Trichlorophenol	0.676	0.0416	"	1.25		54.3	31-120				
2,4-Dichlorophenol	0.718	0.0416	"	1.25		57.6	20-127				
2,4-Dimethylphenol	0.761	0.0416	"	1.25		61.1	14-132				
2,4-Dinitrophenol	0.762	0.0830	"	1.25		61.2	10-171				
2,4-Dinitrotoluene	0.647	0.0416	"	1.25		51.9	34-131				
2,6-Dinitrotoluene	0.647	0.0416	"	1.25		51.9	31-128				
2-Chloronaphthalene	0.635	0.0416	"	1.25		51.0	31-117				
2-Chlorophenol	0.630	0.0416	"	1.25		50.6	33-113				
2-Methylnaphthalene	0.610	0.0416	"	1.25		49.0	12-138				
2-Methylphenol	0.663	0.0416	"	1.25		53.2	10-136				
2-Nitroaniline	0.684	0.0830	"	1.25		54.9	27-132				
2-Nitrophenol	0.675	0.0416	"	1.25		54.2	17-129				
3- & 4-Methylphenols	0.582	0.0416	"	1.25		46.7	29-103				
3,3-Dichlorobenzidine	0.613	0.0416	"	0.831		73.8	22-149				
3-Nitroaniline	0.511	0.0830	"	1.25		41.0	20-133				
4,6-Dinitro-2-methylphenol	0.748	0.0830	"	1.25		60.0	10-143				
4-Bromophenyl phenyl ether	0.562	0.0416	"	1.25		45.1	29-120				
4-Chloro-3-methylphenol	0.728	0.0416	"	1.25		58.5	24-129				
4-Chloroaniline	0.477	0.0416	"	1.25		38.3	10-132				
4-Chlorophenyl phenyl ether	0.607	0.0416	"	1.25		48.7	27-124				
4-Nitroaniline	0.599	0.0830	"	1.25		48.1	16-128				
4-Nitrophenol	0.682	0.0830	"	1.25		54.8	10-141				
Acenaphthene	0.622	0.0416	"	1.25		49.9	30-121				
Acenaphthylene	0.656	0.0416	"	1.25		52.6	30-115				
Acetophenone	0.639	0.0416	"	0.831		76.9	20-112				
Aniline	0.674	0.166	"	1.25		54.1	10-119				
Anthracene	0.654	0.0416	"	1.25		52.5	34-118				
Atrazine	0.635	0.0416	"	0.831		76.4	26-112				
Benzaldehyde	0.526	0.0416	"	0.831		63.4	21-100				
Benzo(a)anthracene	0.650	0.0416	"	1.25		52.1	32-122				
Benzo(a)pyrene	0.575	0.0416	"	1.25		46.2	29-133				
Benzo(b)fluoranthene	0.618	0.0416	"	1.25		49.6	25-133				
Benzo(g,h,i)perylene	0.609	0.0416	"	1.25		48.9	10-143				
Benzo(k)fluoranthene	0.592	0.0416	"	1.25		47.5	25-128				
Benzoic acid	0.656	0.0416	"	0.831		79.0	10-140				
Benzyl alcohol	0.661	0.0416	"	1.25		53.0	30-115				
Benzyl butyl phthalate	0.676	0.0416	"	1.25		54.2	26-126				
Bis(2-chloroethoxy)methane	0.692	0.0416	"	1.25		55.6	19-132				
Bis(2-chloroethyl)ether	0.584	0.0416	"	1.25		46.9	19-125				
Bis(2-chloroisopropyl)ether	0.593	0.0416	"	1.25		47.6	20-135				
Bis(2-ethylhexyl)phthalate	0.662	0.0416	"	1.25		53.1	10-155				
Caprolactam	0.768	0.0830	"	0.831		92.5	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41053 - EPA 3550C											
LCS (BJ41053-BS1) LCS								Prepared: 10/16/2024 Analyzed: 10/17/2024			
Carbazole	0.627	0.0416	mg/kg wet	1.25		50.3	35-123				
Chrysene	0.623	0.0416	"	1.25		50.0	32-123				
Dibenzo(a,h)anthracene	0.596	0.0416	"	1.25		47.8	10-136				
Dibenzofuran	0.624	0.0416	"	1.25		50.1	29-121				
Diethyl phthalate	0.628	0.0416	"	1.25		50.4	34-116				
Dimethyl phthalate	0.641	0.0416	"	1.25		51.4	35-124				
Di-n-butyl phthalate	0.645	0.0416	"	1.25		51.8	31-116				
Di-n-octyl phthalate	0.659	0.0416	"	1.25		52.9	26-136				
Fluoranthene	0.626	0.0416	"	1.25		50.2	33-122				
Fluorene	0.621	0.0416	"	1.25		49.8	29-123				
Hexachlorobenzene	0.605	0.0416	"	1.25		48.6	21-124				
Hexachlorobutadiene	0.663	0.0416	"	1.25		53.2	10-149				
Hexachlorocyclopentadiene	0.496	0.0416	"	1.25		39.8	10-129				
Hexachloroethane	0.587	0.0416	"	1.25		47.1	28-108				
Indeno(1,2,3-cd)pyrene	0.620	0.0416	"	1.25		49.8	10-135				
Isophorone	0.687	0.0416	"	1.25		55.2	20-132				
Naphthalene	0.690	0.0416	"	1.25		55.4	23-124				
Nitrobenzene	0.656	0.0416	"	1.25		52.7	13-132				
N-Nitrosodimethylamine	0.491	0.0416	"	1.25		39.4	11-129				
N-nitroso-di-n-propylamine	0.618	0.0416	"	1.25		49.6	24-119				
N-Nitrosodiphenylamine	0.733	0.0416	"	1.25		58.8	22-152				
Pentachlorophenol	0.690	0.0416	"	1.25		55.4	10-139				
Phenanthrene	0.629	0.0416	"	1.25		50.5	33-123				
Phenol	0.657	0.0416	"	1.25		52.7	23-115				
Pyrene	0.671	0.0416	"	1.25		53.8	24-130				
Pyridine	0.315	0.166	"	1.25		25.3	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.20*		*"*	*1.66*		*72.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.25*		*"*	*1.66*		*75.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.673*		*"*	*0.831*		*81.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.680*		*"*	*0.831*		*81.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.43*		*"*	*1.66*		*86.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.693*		*"*	*0.831*		*83.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40869 - EPA 3550C											
Blank (BJ40869-BLK1) Blank									Prepared: 10/14/2024 Analyzed: 10/17/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*386*		*"*	*495*		*78.0*	*39-127.5*				
LCS (BJ40869-BS1) LCS									Prepared: 10/14/2024 Analyzed: 10/17/2024		
1,4-Dioxane	484	19.8	ug/kg	495		97.8	40-130				
Surrogate: 1,4-Dioxane-d8	*455*		*"*	*495*		*92.0*	*39-127.5*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41007 - EPA 1633 Prep											
Blank (BJ41007-BLK1) Blank									Prepared: 10/15/2024 Analyzed: 10/17/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*24.5*		*"*	*23.3*		*105*	*25-150*				
Surrogate: M5PFHxA	*28.8*		*"*	*25.0*		*115*	*25-150*				
Surrogate: M4PFHpA	*26.2*		*"*	*25.0*		*105*	*25-150*				
Surrogate: M3PFHxS	*25.1*		*"*	*23.7*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.2*		*"*	*25.0*		*121*	*25-150*				
Surrogate: M6PFDA	*12.9*		*"*	*12.5*		*103*	*25-150*				
Surrogate: M7PFUdA	*12.8*		*"*	*12.5*		*103*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*9.24*		*"*	*12.5*		*73.9*	*25-150*				
Surrogate: M2PFTeDA	*6.83*		*"*	*12.5*		*54.6*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41007 - EPA 1633 Prep											
Blank (BJ41007-BLK1) Blank								Prepared: 10/15/2024 Analyzed: 10/17/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.94*		*ng/L*	*100*		*3.94*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.7*		*"*	*24.0*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*38.6*		*"*	*50.0*		*77.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.2*		*"*	*25.0*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.0*		*"*	*50.0*		*95.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*52.2*		*"*	*50.0*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*18.2*		*"*	*47.6*		*38.3*	*25-200*				
Surrogate: M2-8:2 FTS	*35.0*		*"*	*48.0*		*72.8*	*25-200*				
Surrogate: M9PFNA	*11.3*		*"*	*12.5*		*90.6*	*25-150*				
Surrogate: M2-4:2 FTS	*10.4*		*"*	*46.9*		*22.1*	*25-150*				
Surrogate: d-N-MeFOSA	*18.4*		*"*	*25.0*		*73.5*	*25-150*				
Surrogate: d-N-EtFOSA	*12.7*		*"*	*25.0*		*51.0*	*25-150*				
Surrogate: M3HFPO-DA	*115*		*"*	*100*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*167*		*"*	*250*		*66.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*187*		*"*	*250*		*74.8*	*25-150*				
LCS (BJ41007-BS1) LCS								Prepared: 10/15/2024 Analyzed: 10/17/2024			
Perfluorobutanesulfonic acid (PFBS)	34.2	1.77	ng/L	35.4		96.7	50-150				
Perfluorohexanoic acid (PFHxA)	40.1	2.00	"	40.0		100	50-150				
Perfluoroheptanoic acid (PFHpA)	43.7	2.00	"	40.0		109	50-150				
Perfluorohexanesulfonic acid (PFHxS)	43.5	1.83	"	36.6		119	50-150				
Perfluorooctanoic acid (PFOA)	38.7	2.00	"	40.0		96.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	38.6	1.86	"	37.2		104	50-150				
Perfluorononanoic acid (PFNA)	34.4	2.00	"	40.0		85.9	50-150				
Perfluorodecanoic acid (PFDA)	39.5	2.00	"	40.0		98.7	50-150				
Perfluoroundecanoic acid (PFUnA)	50.5	2.00	"	40.0		126	50-150				
Perfluorododecanoic acid (PFDoA)	34.1	2.00	"	40.0		85.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	47.3	2.00	"	40.0		118	50-150				
Perfluorotetradecanoic acid (PFTA)	36.7	2.00	"	40.0		91.7	50-150				
N-MeFOSAA	41.6	2.00	"	40.0		104	50-150				
N-EtFOSAA	43.7	2.00	"	40.0		109	50-150				
Perfluoropentanoic acid (PFPeA)	81.9	4.00	"	80.0		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	36.5	2.00	"	40.0		91.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	41.1	1.91	"	38.2		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	38.5	1.93	"	38.6		99.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	166	7.60	"	152		109	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	153	7.68	"	154		99.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	149	8.00	"	160		93.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	73.7	3.56	"	71.2		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	60.0	4.00	"	80.0		75.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	17.0	4.00	"	80.0		21.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	99.6	4.00	"	80.0		124	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	40.1	1.88	"	37.6		107	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	151	7.50	"	150		101	50-150				
HFPO-DA (Gen-X)	79.0	8.00	"	80.0		98.7	50-150				
11CL-PF3OUdS	73.1	7.56	"	75.6		96.7	50-150				
9CL-PF3ONS	84.4	7.48	"	74.8		113	50-150				
ADONA	68.7	7.56	"	75.6		90.9	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41007 - EPA 1633 Prep											
LCS (BJ41007-BS1) LCS								Prepared: 10/15/2024 Analyzed: 10/17/2024			
Perfluorododecanesulfonic acid (PFDoS)	28.1	1.94	ng/L	38.8		72.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	42.4	1.92	"	38.4		111	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	104	5.00	"	160		64.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	834	25.0	"	800		104	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	824	25.0	"	800		103	50-150				
N-MeFOSE	380	20.0	"	400		94.9	50-150				
N-MeFOSA	42.9	2.00	"	40.0		107	50-150				
N-EtFOSE	426	20.0	"	400		106	50-150				
N-EtFOSA	35.8	2.00	"	40.0		89.6	50-150				
Surrogate: M3PFBS	*27.5*		*"*	*23.3*		*118*	*25-150*				
Surrogate: M5PFHxA	*28.6*		*"*	*25.0*		*115*	*25-150*				
Surrogate: M4PFHpA	*26.4*		*"*	*25.0*		*105*	*25-150*				
Surrogate: M3PFHxS	*27.3*		*"*	*23.7*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.3*		*"*	*25.0*		*117*	*25-150*				
Surrogate: M6PFDA	*13.4*		*"*	*12.5*		*107*	*25-150*				
Surrogate: M7PFUdA	*12.8*		*"*	*12.5*		*102*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.6*		*"*	*12.5*		*93.2*	*25-150*				
Surrogate: M2PFTeDA	*7.44*		*"*	*12.5*		*59.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.61*		*"*	*100*		*4.61*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.5*		*"*	*23.9*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*41.3*		*"*	*50.0*		*82.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*24.7*		*"*	*25.0*		*98.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.0*		*"*	*50.0*		*96.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*51.8*		*"*	*50.0*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*23.0*		*"*	*47.5*		*48.3*	*25-200*				
Surrogate: M2-8:2 FTS	*43.6*		*"*	*48.0*		*90.8*	*25-200*				
Surrogate: M9PFNA	*14.7*		*"*	*12.5*		*118*	*25-150*				
Surrogate: M2-4:2 FTS	*13.9*		*"*	*46.9*		*29.5*	*25-150*				
Surrogate: d-N-MeFOSA	*18.8*		*"*	*25.0*		*75.3*	*25-150*				
Surrogate: d-N-EtFOSA	*13.4*		*"*	*25.0*		*53.7*	*25-150*				
Surrogate: M3HFPO-DA	*121*		*"*	*100*		*121*	*25-150*				
Surrogate: d9-N-EtFOSE	*153*		*"*	*250*		*61.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*188*		*"*	*250*		*75.2*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41007 - EPA 1633 Prep											
LCS (BJ41007-BS2) LCS								Prepared: 10/15/2024 Analyzed: 10/17/2024			
Perfluorobutanesulfonic acid (PFBS)	7.07	1.77	ng/L	7.08		99.8	50-150				
Perfluorohexanoic acid (PFHxA)	8.44	2.00	"	8.00		106	50-150				
Perfluoroheptanoic acid (PFHpA)	9.85	2.00	"	8.00		123	50-150				
Perfluorohexanesulfonic acid (PFHxS)	7.94	1.83	"	7.32		108	50-150				
Perfluorooctanoic acid (PFOA)	8.16	2.00	"	8.00		102	50-150				
Perfluorooctanesulfonic acid (PFOS)	7.85	1.86	"	7.44		106	50-150				
Perfluorononanoic acid (PFNA)	8.12	2.00	"	8.00		101	50-150				
Perfluorodecanoic acid (PFDA)	6.34	2.00	"	8.00		79.3	50-150				
Perfluoroundecanoic acid (PFUnA)	8.50	2.00	"	8.00		106	50-150				
Perfluorododecanoic acid (PFDoA)	5.88	2.00	"	8.00		73.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	10.6	2.00	"	8.00		133	50-150				
Perfluorotetradecanoic acid (PFTA)	8.17	2.00	"	8.00		102	50-150				
N-MeFOSAA	7.99	2.00	"	8.00		99.9	50-150				
N-EtFOSAA	8.70	2.00	"	8.00		109	50-150				
Perfluoropentanoic acid (PFPeA)	16.4	4.00	"	16.0		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.10	2.00	"	8.00		88.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	9.00	1.91	"	7.64		118	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	8.21	1.93	"	7.72		106	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	34.3	7.60	"	30.4		113	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	28.9	7.68	"	30.7		94.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	19.0	8.00	"	32.0		59.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.1	3.56	"	14.2		106	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	14.5	4.00	"	16.0		90.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.50	4.00	"	16.0		15.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	22.6	4.00	"	16.0		142	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.01	1.88	"	7.52		93.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	33.3	7.50	"	30.0		111	50-150				
HFPO-DA (Gen-X)	15.4	8.00	"	16.0		96.5	50-150				
11CL-PF3OUdS	13.3	7.56	"	15.1		88.3	50-150				
9CL-PF3ONS	15.6	7.48	"	15.0		104	50-150				
ADONA	14.0	7.56	"	15.1		92.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	5.45	1.94	"	7.76		70.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	9.26	1.92	"	7.68		121	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	16.5	5.00	"	32.0		51.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	170	25.0	"	160		106	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	167	25.0	"	160		104	50-150				
N-MeFOSE	73.7	20.0	"	80.0		92.1	50-150				
N-MeFOSA	8.81	2.00	"	8.00		110	50-150				
N-EtFOSE	80.9	20.0	"	80.0		101	50-150				
N-EtFOSA	7.94	2.00	"	8.00		99.2	50-150				
Surrogate: M3PFBS	*26.3*		"	*23.3*		*113*	*25-150*				
Surrogate: M5PFHxA	*29.8*		"	*25.0*		*119*	*25-150*				
Surrogate: M4PFHpA	*26.5*		"	*25.0*		*106*	*25-150*				
Surrogate: M3PFHxS	*28.9*		"	*23.7*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*26.9*		"	*25.0*		*107*	*25-150*				
Surrogate: M6PFDA	*16.1*		"	*12.5*		*129*	*25-150*				
Surrogate: M7PFUdA	*14.6*		"	*12.5*		*117*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.5*		"	*12.5*		*100*	*25-150*				
Surrogate: M2PFTeDA	*7.36*		"	*12.5*		*58.9*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41007 - EPA 1633 Prep											
LCS (BJ41007-BS2) LCS									Prepared: 10/15/2024 Analyzed: 10/17/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.34*		*ng/L*	*100*		*3.34*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*23.6*		*"*	*24.0*		*98.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*34.8*		*"*	*50.0*		*69.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.5*		*"*	*25.0*		*102*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.6*		*"*	*50.0*		*97.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*52.2*		*"*	*50.0*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*20.6*		*"*	*47.6*		*43.3*	*25-200*				
Surrogate: M2-8:2 FTS	*37.1*		*"*	*48.0*		*77.3*	*25-200*				
Surrogate: M9PFNA	*12.5*		*"*	*12.5*		*99.6*	*25-150*				
Surrogate: M2-4:2 FTS	*11.8*		*"*	*46.9*		*25.1*	*25-150*				
Surrogate: d-N-MeFOSA	*18.8*		*"*	*25.0*		*75.2*	*25-150*				
Surrogate: d-N-EtFOSA	*12.8*		*"*	*25.0*		*51.4*	*25-150*				
Surrogate: M3HFPO-DA	*134*		*"*	*100*		*134*	*25-150*				
Surrogate: d9-N-EtFOSE	*158*		*"*	*250*		*63.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*186*		*"*	*250*		*74.3*	*25-150*				
Batch BJ41072 - EPA 1633 Prep											
Blank (BJ41072-BLK1) Blank									Prepared: 10/16/2024 Analyzed: 10/18/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.757	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.765	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.797	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.747	"								
HFPO-DA (Gen-X)	ND	0.797	"								
11CL-PF3OUdS	ND	0.753	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41072 - EPA 1633 Prep											
Blank (BJ41072-BLK1) Blank									Prepared: 10/16/2024 Analyzed: 10/18/2024		
9CL-PF3ONS	ND	0.745	ug/kg wet								
ADONA	ND	0.753	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.98	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.98	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.26*		"	*2.32*		*97.3*	*25-150*				
Surrogate: M5PFHxA	*2.74*		"	*2.49*		*110*	*25-150*				
Surrogate: M4PFHpA	*2.35*		"	*2.49*		*94.3*	*25-150*				
Surrogate: M3PFHxS	*2.16*		"	*2.36*		*91.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.37*		"	*2.49*		*95.1*	*25-150*				
Surrogate: M6PFDA	*1.07*		"	*1.25*		*86.0*	*25-150*				
Surrogate: M7PFUdA	*0.919*		"	*1.25*		*73.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.649*		"	*1.25*		*52.1*	*25-150*				
Surrogate: M2PFTeDA	*0.398*		"	*1.25*		*32.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.148*		"	*9.96*		*1.49*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.84*		"	*2.39*		*77.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.87*		"	*4.98*		*77.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.27*		"	*2.49*		*91.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.51*		"	*4.98*		*70.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.95*		"	*4.98*		*79.2*	*25-150*				
Surrogate: M2-6:2 FTS	*1.63*		"	*4.74*		*34.5*	*25-200*				
Surrogate: M2-8:2 FTS	*2.77*		"	*4.78*		*58.0*	*25-200*				
Surrogate: M9PFNA	*0.975*		"	*1.25*		*78.3*	*25-150*				
Surrogate: M2-4:2 FTS	*1.19*		"	*4.67*		*25.4*	*25-150*				
Surrogate: d-N-MeFOSA	*1.24*		"	*2.49*		*49.8*	*25-150*				
Surrogate: d-N-EtFOSA	*0.889*		"	*2.49*		*35.7*	*25-150*				
Surrogate: M3HFPO-DA	*10.6*		"	*9.96*		*106*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.13*		"	*24.9*		*36.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.7*		"	*24.9*		*43.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41072 - EPA 1633 Prep											
LCS (BJ41072-BS1) LCS								Prepared: 10/16/2024 Analyzed: 10/18/2024			
Perfluorobutanesulfonic acid (PFBS)	3.26	0.176	ug/kg wet	3.51		92.9	50-150				
Perfluorohexanoic acid (PFHxA)	3.81	0.198	"	3.97		96.1	50-150				
Perfluoroheptanoic acid (PFHpA)	4.42	0.198	"	3.97		112	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.00	0.182	"	3.63		110	50-150				
Perfluorooctanoic acid (PFOA)	3.35	0.198	"	3.97		84.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	4.02	0.185	"	3.69		109	50-150				
Perfluorononanoic acid (PFNA)	3.59	0.198	"	3.97		90.5	50-150				
Perfluorodecanoic acid (PFDA)	3.15	0.198	"	3.97		79.5	50-150				
Perfluoroundecanoic acid (PFUnA)	4.72	0.198	"	3.97		119	50-150				
Perfluorododecanoic acid (PFDoA)	3.78	0.198	"	3.97		95.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.62	0.198	"	3.97		116	50-150				
Perfluorotetradecanoic acid (PFTA)	3.72	0.198	"	3.97		93.6	50-150				
N-MeFOSAA	4.19	0.198	"	3.97		105	50-150				
N-EtFOSAA	3.93	0.198	"	3.97		98.9	50-150				
Perfluoropentanoic acid (PFPeA)	8.08	0.397	"	7.94		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.38	0.198	"	3.97		85.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.26	0.198	"	3.79		112	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.74	0.191	"	3.83		97.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.4	0.754	"	15.1		102	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.6	0.762	"	15.2		89.3	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.6	0.794	"	15.9		98.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.27	0.353	"	7.06		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.96	0.397	"	7.94		100	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.99	0.397	"	7.94		62.9	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.34	0.397	"	7.94		105	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.83	0.187	"	3.73		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.4	0.744	"	14.9		96.8	50-150				
HFPO-DA (Gen-X)	7.61	0.794	"	7.94		95.9	50-150				
11CL-PF3OUdS	5.82	0.750	"	7.50		77.7	50-150				
9CL-PF3ONS	7.13	0.742	"	7.42		96.0	50-150				
ADONA	6.70	0.750	"	7.50		89.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.56	0.192	"	3.85		66.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.37	0.190	"	3.81		115	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	13.4	0.992	"	15.9		84.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	76.3	4.96	"	79.4		96.1	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	83.8	4.96	"	79.4		106	50-150				
N-MeFOSE	37.0	1.98	"	39.7		93.3	50-150				
N-MeFOSA	4.94	0.198	"	3.97		125	50-150				
N-EtFOSE	38.3	1.98	"	39.7		96.4	50-150				
N-EtFOSA	3.54	0.198	"	3.97		89.1	50-150				
Surrogate: M3PFBS	*2.35*		"	*2.31*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.37*		"	*2.48*		*95.7*	*25-150*				
Surrogate: M4PFHpA	*2.24*		"	*2.48*		*90.4*	*25-150*				
Surrogate: M3PFHxS	*2.29*		"	*2.35*		*97.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.60*		"	*2.48*		*105*	*25-150*				
Surrogate: M6PFDA	*1.42*		"	*1.24*		*114*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.24*		*90.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.841*		"	*1.24*		*67.8*	*25-150*				
Surrogate: M2PFTeDA	*0.630*		"	*1.24*		*50.8*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41072 - EPA 1633 Prep											
LCS (BJ41072-BS1) LCS									Prepared: 10/16/2024 Analyzed: 10/18/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.49*		*ug/kg wet*	*9.92*		*55.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.88*		*"*	*2.38*		*79.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.30*		*"*	*4.96*		*86.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.09*		*"*	*2.48*		*84.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.75*		*"*	*4.96*		*75.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.06*		*"*	*4.96*		*81.8*	*25-150*				
Surrogate: M2-6:2 FTS	*2.02*		*"*	*4.72*		*42.7*	*25-200*				
Surrogate: M2-8:2 FTS	*3.56*		*"*	*4.76*		*74.7*	*25-200*				
Surrogate: M9PFNA	*1.24*		*"*	*1.24*		*100*	*25-150*				
Surrogate: M2-4:2 FTS	*1.45*		*"*	*4.65*		*31.1*	*25-150*				
Surrogate: d-N-MeFOSA	*1.21*		*"*	*2.48*		*48.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.12*		*"*	*2.48*		*45.3*	*25-150*				
Surrogate: M3HFPO-DA	*10.4*		*"*	*9.92*		*105*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.0*		*"*	*24.8*		*44.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.3*		*"*	*24.8*		*49.7*	*25-150*				
LCS (BJ41072-BS2) LCS									Prepared: 10/16/2024 Analyzed: 10/18/2024		
Perfluorobutanesulfonic acid (PFBS)	0.707	0.177	ug/kg wet	0.708		99.9	50-150				
Perfluorohexanoic acid (PFHxA)	0.707	0.200	"	0.800		88.4	50-150				
Perfluoroheptanoic acid (PFHpA)	0.927	0.200	"	0.800		116	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.857	0.183	"	0.732		117	50-150				
Perfluorooctanoic acid (PFOA)	0.608	0.200	"	0.800		76.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.754	0.186	"	0.744		101	50-150				
Perfluorononanoic acid (PFNA)	0.758	0.200	"	0.800		94.7	50-150				
Perfluorodecanoic acid (PFDA)	0.706	0.200	"	0.800		88.2	50-150				
Perfluoroundecanoic acid (PFUnA)	0.805	0.200	"	0.800		101	50-150				
Perfluorododecanoic acid (PFDoA)	0.825	0.200	"	0.800		103	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.838	0.200	"	0.800		105	50-150				
Perfluorotetradecanoic acid (PFTA)	0.924	0.200	"	0.800		115	50-150				
N-MeFOSAA	0.821	0.200	"	0.800		103	50-150				
N-EtFOSAA	0.847	0.200	"	0.800		106	50-150				
Perfluoropentanoic acid (PFPeA)	1.59	0.400	"	1.60		99.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.688	0.200	"	0.800		86.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.789	0.200	"	0.764		103	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.628	0.193	"	0.772		81.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.39	0.760	"	3.04		112	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.26	0.768	"	3.07		106	50-150				
Perfluoro-n-butanoic acid (PFBA)	3.31	0.800	"	3.20		104	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.48	0.356	"	1.42		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.88	0.400	"	1.60		118	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.40	0.400	"	1.60		87.8	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.60	0.400	"	1.60		100	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.838	0.188	"	0.752		111	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.06	0.750	"	3.00		102	50-150				
HFPO-DA (Gen-X)	1.45	0.800	"	1.60		90.8	50-150				
11CL-PF3OUdS	1.29	0.756	"	1.51		85.3	50-150				
9CL-PF3ONS	1.51	0.748	"	1.50		101	50-150				
ADONA	1.39	0.756	"	1.51		91.8	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41072 - EPA 1633 Prep											
LCS (BJ41072-BS2) LCS								Prepared: 10/16/2024 Analyzed: 10/18/2024			
Perfluorododecanesulfonic acid (PFDoS)	0.448	0.194	ug/kg wet	0.776		57.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.750	0.192	"	0.768		97.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.77	1.00	"	3.20		86.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	15.7	5.00	"	16.0		97.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	16.6	5.00	"	16.0		104	50-150				
N-MeFOSE	7.23	2.00	"	8.00		90.4	50-150				
N-MeFOSA	0.960	0.200	"	0.800		120	50-150				
N-EtFOSE	7.38	2.00	"	8.00		92.2	50-150				
N-EtFOSA	0.743	0.200	"	0.800		92.9	50-150				
Surrogate: M3PFBS	*2.45*		*"*	*2.33*		*105*	*25-150*				
Surrogate: M5PFHxA	*2.96*		*"*	*2.50*		*118*	*25-150*				
Surrogate: M4PFHpA	*2.76*		*"*	*2.50*		*110*	*25-150*				
Surrogate: M3PFHxS	*2.30*		*"*	*2.37*		*97.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.32*		*"*	*2.50*		*133*	*25-150*				
Surrogate: M6PFDA	*1.40*		*"*	*1.25*		*112*	*25-150*				
Surrogate: M7PFUdA	*1.42*		*"*	*1.25*		*114*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.862*		*"*	*1.25*		*69.0*	*25-150*				
Surrogate: M2PFTeDA	*0.721*		*"*	*1.25*		*57.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.83*		*"*	*10.0*		*88.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.50*		*"*	*2.40*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.60*		*"*	*5.00*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.52*		*"*	*2.50*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.69*		*"*	*5.00*		*93.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.95*		*"*	*5.00*		*99.1*	*25-150*				
Surrogate: M2-6:2 FTS	*1.86*		*"*	*4.76*		*39.0*	*25-200*				
Surrogate: M2-8:2 FTS	*3.33*		*"*	*4.80*		*69.3*	*25-200*				
Surrogate: M9PFNA	*1.38*		*"*	*1.25*		*111*	*25-150*				
Surrogate: M2-4:2 FTS	*1.35*		*"*	*4.69*		*28.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.48*		*"*	*2.50*		*59.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.22*		*"*	*2.50*		*49.0*	*25-150*				
Surrogate: M3HFPO-DA	*12.8*		*"*	*10.0*		*128*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.1*		*"*	*25.0*		*60.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.4*		*"*	*25.0*		*65.6*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41098 - EPA 3550C											
Blank (BJ41098-BLK1) Blank									Prepared & Analyzed: 10/16/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0416*		*"*	*0.0664*		*62.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0545*		*"*	*0.0664*		*82.1*	*30-150*				
LCS (BJ41098-BS1) LCS									Prepared & Analyzed: 10/16/2024		
4,4'-DDD	0.0272	0.00164	mg/kg wet	0.0332		82.0	40-140				
4,4'-DDE	0.0279	0.00164	"	0.0332		83.9	40-140				
4,4'-DDT	0.0287	0.00164	"	0.0332		86.4	40-140				
Aldrin	0.0272	0.00164	"	0.0332		81.8	40-140				
alpha-BHC	0.0283	0.00164	"	0.0332		85.1	40-140				
alpha-Chlordane	0.0284	0.00164	"	0.0332		85.4	40-140				
beta-BHC	0.0303	0.00164	"	0.0332		91.3	40-140				
delta-BHC	0.0280	0.00164	"	0.0332		84.2	40-140				
Dieldrin	0.0293	0.00164	"	0.0332		88.3	40-140				
Endosulfan I	0.0288	0.00164	"	0.0332		86.6	40-140				
Endosulfan II	0.0297	0.00164	"	0.0332		89.5	40-140				
Endosulfan sulfate	0.0277	0.00164	"	0.0332		83.4	40-140				
Endrin	0.0293	0.00164	"	0.0332		88.1	40-140				
Endrin aldehyde	0.0285	0.00164	"	0.0332		85.9	40-140				
Endrin ketone	0.0292	0.00164	"	0.0332		87.9	40-140				
gamma-BHC (Lindane)	0.0283	0.00164	"	0.0332		85.1	40-140				
gamma-Chlordane	0.0280	0.00164	"	0.0332		84.1	40-140				
Heptachlor	0.0292	0.00164	"	0.0332		87.9	40-140				
Heptachlor epoxide	0.0286	0.00164	"	0.0332		86.0	40-140				
Methoxychlor	0.0287	0.00164	"	0.0332		86.5	40-140				
Surrogate: Decachlorobiphenyl	*0.0468*		*"*	*0.0664*		*70.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0621*		*"*	*0.0664*		*93.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S4J1620 - BJ40047											
Performance Mix (S4J1620-P1 PEST									Prepared & Analyzed: 10/15/2024		
4,4'-DDD	3.72		ng/mL	0.00			0-200				
4,4'-DDE	0.854		"	0.00			0-200				
4,4'-DDT	190		"	200		95.1	0-200				
Endrin	108		"	100		108	0-200				
Endrin aldehyde	3.34		"	0.00			0-200				
Endrin ketone	3.92		"	0.00			0-200				
Batch S4J1651 - BJ40047											
Performance Mix (S4J1651-P1 PEST									Prepared & Analyzed: 10/16/2024		
4,4'-DDD	5.76		ng/mL	0.00			0-200				
4,4'-DDE	2.59		"	0.00			0-200				
4,4'-DDT	158		"	200		78.8	0-200				
Endrin	92.5		"	100		92.5	0-200				
Endrin aldehyde	2.60		"	0.00			0-200				
Endrin ketone	5.37		"	0.00			0-200				
Batch S4J1715 - BJ40047											
Performance Mix (S4J1715-P1 PEST									Prepared & Analyzed: 10/16/2024		
4,4'-DDD	6.35		ng/mL	0.00			0-200				
4,4'-DDE	3.47		"	0.00			0-200				
4,4'-DDT	151		"	200		75.4	0-200				
Endrin	80.6		"	100		80.6	0-200				
Endrin aldehyde	6.76		"	0.00			0-200				
Endrin ketone	8.32		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41098 - EPA 3550C											
Blank (BJ41098-BLK2) Blank									Prepared: 10/16/2024 Analyzed: 10/17/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0508*		*"*	*0.0664*		*76.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0326*		*"*	*0.0664*		*49.0*	*30-120*				
LCS (BJ41098-BS2) LCS									Prepared: 10/16/2024 Analyzed: 10/17/2024		
Aroclor 1016	0.267	0.0166	mg/kg wet	0.332		80.4	40-130				
Aroclor 1260	0.261	0.0166	"	0.332		78.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0545*		*"*	*0.0664*		*82.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0372*		*"*	*0.0664*		*56.0*	*30-120*				
Batch S4J1733 - BJ41098											
Aroclor Reference (S4J1733-A Aroclor Reference									Prepared & Analyzed: 10/16/2024		
Surrogate: Tetrachloro-m-xylene	*0.211*		*ug/mL*	*0.200*		*106*					
Surrogate: Decachlorobiphenyl	*0.181*		*"*	*0.200*		*90.5*					

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40954 - EPA 3550C/8151A											
Blank (BJ40954-BLK1) Blank								Prepared & Analyzed: 10/15/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.530*		*"*	*0.415*		*128*	*21-150*				
LCS (BJ40954-BS1) LCS								Prepared & Analyzed: 10/15/2024			
2,4,5-T	0.0806	0.0199	mg/kg wet	0.0664		121	10-120	High Bias			
2,4,5-TP (Silvex)	0.0872	0.0199	"	0.0664		131	10-120	High Bias			
2,4-D	0.0814	0.0199	"	0.0664		122	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.504*		*"*	*0.415*		*121*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40996 - EPA 3050B											
Blank (BJ40996-BLK1) Blank									Prepared: 10/15/2024 Analyzed: 10/17/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Blank (BJ40996-BLK2) Blank									Prepared: 10/15/2024 Analyzed: 10/17/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40996 - EPA 3050B											
Reference (BJ40996-SRM1) Reference								Prepared: 10/15/2024 Analyzed: 10/17/2024			
Aluminum	5560	4.17	mg/kg wet	7680		72.3	35.7-119				
Antimony	63.9	2.08	"	244		26.2	0-99.5				
Arsenic	234	1.25	"	283		82.6	69.9-101.4				
Barium	295	2.08	"	326		90.6	73.9-107.1				
Beryllium	142	0.042	"	175		81.4	75.4-107.4				
Cadmium	82.1	0.250	"	95.8		85.7	72.3-103.7				
Calcium	5440	4.17	"	5470		99.5	79.5-113.2				
Chromium	206	0.417	"	239		86.4	72.4-106.3				
Cobalt	131	0.333	"	150		87.1	76-107.3				
Copper	200	1.67	"	217		92.2	74.7-105.1				
Iron	5480	20.8	"	7360		74.4	53-127.9				
Lead	178	0.417	"	210		84.6	75.7-109.5				
Magnesium	1670	4.17	"	2080		80.1	67.3-111.1				
Manganese	259	0.417	"	290		89.5	73.4-108.3				
Nickel	283	0.830	"	329		85.9	74.5-106.7				
Potassium	681	4.17	"	2330		29.2	60.9-111.6	Low Bias			
Selenium	266	2.08	"	281		94.6	77.6-116.7				
Silver	70.7	0.420	"	82.7		85.5	73.7-111.7				
Sodium	130	41.7	"	427		30.5	71.2-118.7	Low Bias			
Thallium	99.8	2.08	"	123		81.2	70.2-104.8				
Vanadium	159	0.830	"	192		82.8	68.8-107.8				
Zinc	213	2.08	"	260		82.1	72.7-109.2				
Reference (BJ40996-SRM2) Reference								Prepared: 10/15/2024 Analyzed: 10/17/2024			
Aluminum	6100	4.17	mg/kg wet	7680		79.5	35.7-119				
Antimony	69.6	2.08	"	244		28.5	0-99.5				
Arsenic	249	1.25	"	283		87.8	69.9-101.4				
Barium	318	2.08	"	326		97.5	73.9-107.1				
Beryllium	154	0.042	"	175		88.0	75.4-107.4				
Cadmium	86.5	0.250	"	95.8		90.3	72.3-103.7				
Calcium	5910	4.17	"	5470		108	79.5-113.2				
Chromium	223	0.417	"	239		93.1	72.4-106.3				
Cobalt	140	0.333	"	150		93.3	76-107.3				
Copper	219	1.67	"	217		101	74.7-105.1				
Iron	5850	20.8	"	7360		79.5	53-127.9				
Lead	191	0.417	"	210		91.0	75.7-109.5				
Magnesium	1780	4.17	"	2080		85.6	67.3-111.1				
Manganese	278	0.417	"	290		95.9	73.4-108.3				
Nickel	302	0.830	"	329		91.9	74.5-106.7				
Potassium	2000	4.17	"	2330		86.0	60.9-111.6				
Selenium	282	2.08	"	281		100	77.6-116.7				
Silver	74.3	0.420	"	82.7		89.9	73.7-111.7				
Sodium	382	41.7	"	427		89.5	71.2-118.7				
Thallium	108	2.08	"	123		87.8	70.2-104.8				
Vanadium	170	0.830	"	192		88.5	68.8-107.8				
Zinc	228	2.08	"	260		87.8	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40989 - EPA 7473 soil											
Blank (BJ40989-BLK1) Blank									Prepared: 10/15/2024 Analyzed: 10/16/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ40989-SRM1) Reference									Prepared: 10/15/2024 Analyzed: 10/16/2024		
Mercury	19.103		mg/kg	18.2		105	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ40905 - EPA SW846-3060											
Blank (BJ40905-BLK1) Blank									Prepared & Analyzed: 10/14/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BJ40905-SRM1) Reference									Prepared & Analyzed: 10/14/2024		
Chromium, Hexavalent	161		mg/L	227		71.1	42.3-157.7				
Batch BJ40937 - Analysis Preparation Soil											
Blank (BJ40937-BLK1) Blank									Prepared & Analyzed: 10/15/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BJ40937-SRM1) Reference									Prepared & Analyzed: 10/15/2024		
Cyanide, total	39.8		ug/mL	59.7		66.6	38.5-161.4				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41082 - % Solids Prep											
Duplicate (BJ41082-DUP1) Duplicate	*Source sample: 24J0883-01 (PE48_16.5)								Prepared & Analyzed: 10/16/2024		
% Solids	86.9	0.100	%		86.1				0.949	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J0883-01	PE48_16.5	40mL Vial with Stir Bar-Cool 4° C
24J0883-03	TB_10112024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24J0883

Page _____ of _____

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Ave Parsippany, NJ 07054	Address:
Phone: 973-560-4900	Phone:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 / 12096 Flatlands Ave

PO Number:

Samples Collected From: NY X; NJ; CT; PA; Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ANDREW ASHLEY

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	SVOCs	Pesticides & Herbicides	PCBs	CN	TAL Metals	Cr^{3+} / Cr^{6+}	PFAS	1,4-Dioxane			Grab or Comp.
PE48-16.5	10/11/24	12:00	S	3		1								X	X	X	X	X	X	X	X	X			G
EB-10112024	↓	12:15	Aqueous	2																	X				C
TB-10112024		—			2									X											

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Andrew Ashley / Langan — Date/Time: 10/11/24 15:10	1. Samples Received by / Company: Duran — Date/Time: 10/11/24 15:10	2. Samples Relinquished by / Company: Duran — Date/Time: 10/11/24 2050
2. Samples Received by / Company — Date/Time	3. Samples Relinquished by / Company — Date/Time	3. Samples Received by / Company — Date/Time
4. Samples Relinquished by / Company — Date/Time	4. Samples Received by / Company — Date/Time	Samples Received in LAB by — Date/Time: 10/11/24 20:50 — Temperature: 4.2 C Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/29/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J1471

Report Date: 10/29/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J1471

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 22, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J1471-01	PE67_20.5	Soil	10/22/2024	10/22/2024
24J1471-02	PE68_20	Soil	10/22/2024	10/22/2024
24J1471-03	PE69_19.5	Soil	10/22/2024	10/22/2024
24J1471-04	DUP_10222024	Soil	10/22/2024	10/22/2024
24J1471-05	FB_10222024	Water	10/22/2024	10/22/2024
24J1471-06	TB_10222024	Water	10/22/2024	10/22/2024

General Notes for York Project (SDG) No.: 24J1471

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 10/29/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0041**	J	mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.030**	ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C	10/24/2024 09:41	10/25/2024 16:35	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0911	0.182	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0531**	J	mg/kg dry	0.0456	0.0911	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D	10/24/2024 15:05	10/28/2024 14:57	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	10/25/2024 08:43	10/28/2024 14:04	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*102 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.191	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 15:44	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0572	0.216	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 15:44	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.216	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 15:44	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.198	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 15:44	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.216	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 15:44	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.642	0.821	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.815	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.384	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 15:44	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.208	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 15:44	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0669	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 15:44	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 15:44	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.642	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.656	0.864	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.336	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.266	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 15:44	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 15:44	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.685	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 15:44	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 15:44	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.62	5.40	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 15:44	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.660	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 15:44	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 15:44	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.753	2.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 15:44	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 15:44	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*94.0 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*94.8 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*68.2 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*96.3 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*110 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*79.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*64.8 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*44.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*90.6 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*94.5 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*90.9 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*66.1 %*	*10-150*

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*80.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*92.2 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*81.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*82.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*100 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*112 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*33.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*28.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*96.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*34.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*41.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	10/25/2024 12:26	10/26/2024 14:54	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:31	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:31	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-120*

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	10/23/2024 08:49	10/24/2024 17:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	10/23/2024 08:49	10/24/2024 17:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	10/23/2024 08:49	10/24/2024 17:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*90.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5460**		mg/kg dry	4.58	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.80**		mg/kg dry	1.37	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**25.1**		mg/kg dry	2.29	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.249**		mg/kg dry	0.046	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**943**		mg/kg dry	4.58	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.81**		mg/kg dry	0.458	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.92**		mg/kg dry	0.366	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**11.3**		mg/kg dry	1.83	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8850**		mg/kg dry	22.9	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**9.61**		mg/kg dry	0.458	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2380**		mg/kg dry	4.58	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**81.3**		mg/kg dry	0.458	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.7**		mg/kg dry	0.912	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**516**		mg/kg dry	4.58	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.462	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**61.0**		mg/kg dry	45.8	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.3**		mg/kg dry	0.912	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**43.5**		mg/kg dry	2.28	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0330	1	EPA 7473	10/24/2024 13:52	10/25/2024 14:12	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.550	1	EPA 7196A	10/23/2024 09:11	10/23/2024 15:32	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE67_20.5 **York Sample ID:** 24J1471-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:00 pm	10/22/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	9.81		mg/kg	0.500	1	Calculation	10/28/2024 08:40	10/28/2024 11:21	VR
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.550	1	EPA 9014/9010C	10/23/2024 08:04	10/23/2024 14:44	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.0		%	0.100	1	SM 2540G	10/23/2024 07:11	10/23/2024 14:18	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0079**		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.041**	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0074**	J	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:01	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.8 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.109**		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0807**	J	mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0667**	J	mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0456**	J	mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0695**	J	mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0730**	J	mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.105**		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.234**		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0463**	J	mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.226**		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.234**		mg/kg dry	0.0440	0.0878	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:26	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	10/25/2024 08:43	10/28/2024 14:21	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*102 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.116	0.185	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:00	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0553	0.209	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:00	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.109	0.209	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:00	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.187	0.191	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:00	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.179	0.209	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:00	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.174	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.197	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.199	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.206	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.170	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.130	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.107	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.154	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.202	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.152	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.162	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.199	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.620	0.792	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.787	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.145	0.371	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:00	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.201	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:00	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0646	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:00	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.100	0.417	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:00	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.164	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.620	0.782	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.634	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.324	0.788	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.257	0.780	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.181	0.788	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.176	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:00	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.129	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:00	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.661	1.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:00	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.19	5.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:00	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.56	5.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:00	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.637	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:00	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.188	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:00	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.727	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:00	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.206	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:00	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*92.7 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*93.2 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*76.6 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*92.4 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*97.2 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*98.1 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*66.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*65.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*41.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.39 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*99.5 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*52.8 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*65.0 %*		*10-150*

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*81.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*81.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*87.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*106 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*33.0 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*30.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*85.2 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*34.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*43.7 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:09	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:45	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:45	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.0 %*	*30-120*

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0206	1	EPA 8151A	10/23/2024 08:49	10/24/2024 17:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0206	1	EPA 8151A	10/23/2024 08:49	10/24/2024 17:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0206	1	EPA 8151A	10/23/2024 08:49	10/24/2024 17:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*70.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4920**		mg/kg dry	4.41	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.97**		mg/kg dry	1.32	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**48.5**		mg/kg dry	2.20	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.223**		mg/kg dry	0.044	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.265	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2580**		mg/kg dry	4.41	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.24**		mg/kg dry	0.442	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.50**		mg/kg dry	0.353	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**13.3**		mg/kg dry	1.77	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**9000**		mg/kg dry	22.1	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**56.3**		mg/kg dry	0.442	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1510**		mg/kg dry	4.42	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**105**		mg/kg dry	0.442	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.0**		mg/kg dry	0.879	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**501**		mg/kg dry	4.42	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.445	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**73.8**		mg/kg dry	44.1	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.21	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**11.8**		mg/kg dry	0.879	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**110**		mg/kg dry	2.20	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:21	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0318	1	EPA 7473	10/24/2024 13:52	10/25/2024 14:12	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.530	1	EPA 7196A	10/23/2024 09:11	10/23/2024 15:32	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE68_20 **York Sample ID:** 24J1471-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:05 pm	10/22/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.24**		mg/kg	0.500	1	Calculation	10/28/2024 08:40	10/28/2024 11:21	VR
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.530	1	EPA 9014/9010C	10/23/2024 08:04	10/23/2024 14:44	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**94.4**		%	0.100	1	SM 2540G	10/23/2024 07:11	10/23/2024 14:18	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.012**		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.061**	ICVE	mg/kg dry	0.0056	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0056	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	**Methyl acetate**	**0.0086**		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0936**		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0759**	J	mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0634**	J	mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0524**	J	mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0649**	J	mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0944**		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0936**		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.167**		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0487**	J	mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.142**		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.183**		mg/kg dry	0.0462	0.0922	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	10/24/2024 15:05	10/28/2024 15:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*50.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/25/2024 08:43	10/28/2024 14:38	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.197	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:16	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0590	0.223	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:16	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:16	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.204	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:16	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.192	0.223	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:16	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.662	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.841	0.855	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.891	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:16	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.215	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:16	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0690	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:16	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:16	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.662	0.835	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.677	0.891	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.346	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.274	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:16	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:16	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.706	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:16	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.57	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:16	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.57	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:16	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.680	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:16	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:16	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.776	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:16	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:16	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*86.5 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*94.5 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*68.0 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*89.8 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*101 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*104 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*76.4 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*63.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*42.8 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*82.5 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*97.1 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*90.2 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*75.5 %*	*10-150*

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*94.5 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*76.9 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*90.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*85.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*102 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*36.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*38.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*94.0 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*34.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*43.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:24	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*36.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:58	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	10/25/2024 12:26	10/25/2024 21:58	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.5 %*	*30-120*

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0217	1	EPA 8151A	10/23/2024 08:49	10/24/2024 17:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A	10/23/2024 08:49	10/24/2024 17:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0217	1	EPA 8151A	10/23/2024 08:49	10/24/2024 17:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*65.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6480**		mg/kg dry	4.64	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.20**		mg/kg dry	1.39	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**173**		mg/kg dry	2.32	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.725**		mg/kg dry	0.047	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.826**		mg/kg dry	0.278	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**14400**		mg/kg dry	4.64	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.7**		mg/kg dry	0.464	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.76**		mg/kg dry	0.371	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**61.2**		mg/kg dry	1.86	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**17700**		mg/kg dry	23.2	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**170**		mg/kg dry	0.464	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**4070**		mg/kg dry	4.64	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**284**		mg/kg dry	0.464	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**17.7**		mg/kg dry	0.924	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**804**		mg/kg dry	4.64	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.468	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**225**		mg/kg dry	46.4	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.32	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**23.3**		mg/kg dry	0.924	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**304**		mg/kg dry	2.31	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:23	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.01**		mg/kg dry	0.0334	1	EPA 7473	10/24/2024 13:52	10/25/2024 14:12	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.557	1	EPA 7196A	10/23/2024 09:11	10/23/2024 15:32	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE69_19.5 **York Sample ID:** 24J1471-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:10 pm	10/22/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	16.7		mg/kg	0.500	1	Calculation	10/28/2024 08:40	10/28/2024 11:21	VR
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.592		mg/kg dry	0.557	1	EPA 9014/9010C	10/24/2024 07:53	10/24/2024 13:46	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.8		%	0.100	1	SM 2540G	10/23/2024 07:11	10/23/2024 14:18	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0099**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.053**	ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0027**	CCVE, J	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	**Methyl acetate**	**0.0027**	J	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	10/24/2024 09:41	10/25/2024 17:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	10/24/2024 15:05	10/28/2024 16:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	10/25/2024 08:43	10/28/2024 14:56	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*98.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:32	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0562	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:32	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:32	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:32	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.212	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 16:32	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.631	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.801	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.378	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:32	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:32	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0658	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:32	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:32	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.631	0.795	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.645	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.330	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.261	0.793	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:32	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 16:32	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.672	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:32	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.22	5.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:32	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.59	5.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:32	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.648	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:32	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:32	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.739	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:32	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 16:32	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*92.3 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*81.0 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*61.4 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*94.4 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*101 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*76.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*63.2 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*39.3 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*78.6 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*92.0 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*79.3 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*64.2 %*	*10-150*

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*78.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*86.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*81.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*83.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*82.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*108 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*36.2 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*30.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*81.9 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*31.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*38.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	10/25/2024 12:26	10/26/2024 15:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	10/25/2024 12:26	10/25/2024 22:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	10/25/2024 12:26	10/25/2024 22:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	10/25/2024 12:26	10/25/2024 22:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	10/25/2024 12:26	10/25/2024 22:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	10/25/2024 12:26	10/25/2024 22:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	10/25/2024 12:26	10/25/2024 22:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	10/25/2024 12:26	10/25/2024 22:12	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	10/25/2024 12:26	10/25/2024 22:12	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-120*

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A	10/23/2024 08:49	10/24/2024 17:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A	10/23/2024 08:49	10/24/2024 17:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A	10/23/2024 08:49	10/24/2024 17:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*67.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5320**		mg/kg dry	4.46	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.23	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.84**		mg/kg dry	1.34	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**28.7**		mg/kg dry	2.23	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.244**		mg/kg dry	0.045	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.268	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2450**		mg/kg dry	4.46	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.67**		mg/kg dry	0.447	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.64**		mg/kg dry	0.357	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**13.6**		mg/kg dry	1.79	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**10100**		mg/kg dry	22.3	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**9.86**		mg/kg dry	0.447	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1610**		mg/kg dry	4.47	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**113**		mg/kg dry	0.447	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.7**		mg/kg dry	0.889	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**553**		mg/kg dry	4.47	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.23	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.450	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**71.7**		mg/kg dry	44.6	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.23	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.9**		mg/kg dry	0.889	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**213**		mg/kg dry	2.22	1	EPA 6010D	10/25/2024 07:37	10/25/2024 15:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0524**		mg/kg dry	0.0321	1	EPA 7473	10/24/2024 13:52	10/25/2024 14:12	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.536	1	EPA 7196A	10/23/2024 09:11	10/23/2024 15:32	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: DUP_10222024 **York Sample ID:** 24J1471-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Soil	October 22, 2024 12:15 pm	10/22/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.67**		mg/kg	0.500	1	Calculation	10/28/2024 08:40	10/28/2024 11:21	VR
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.536	1	EPA 9014/9010C	10/24/2024 07:53	10/24/2024 13:46	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**93.4**		%	0.100	1	SM 2540G	10/23/2024 07:11	10/23/2024 14:18	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: FB_10222024 **York Sample ID:** 24J1471-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Water	October 22, 2024 1:00 pm	10/22/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.471	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.351	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.711	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.681	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.421	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.822	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.521	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.752	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.13	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.882	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.741	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.691	2.00	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.792	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.03	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.230	4.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.882	2.00	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.912	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.32	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.06	7.62	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.05	7.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.331	8.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM

Sample Information

Client Sample ID: FB_10222024 **York Sample ID:** 24J1471-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Water	October 22, 2024 1:00 pm	10/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.501	3.57	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/27/2024 12:08	10/28/2024 19:31	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.14	4.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/27/2024 12:08	10/28/2024 19:31	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.251	4.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/27/2024 12:08	10/28/2024 19:31	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.371	4.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/27/2024 12:08	10/28/2024 19:31	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.762	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.79	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.24	8.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.38	7.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.701	7.49	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
919005-14-4	ADONA	ND		ng/L	0.531	7.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.932	1.94	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.862	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:31	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.03	5.01	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.34	25.1	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.49	25.1	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:31	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.00	20.0	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:31	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.58	2.00	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:31	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.00	20.0	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:31	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.80	2.00	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:31	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*135 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*120 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*126 %*	*25-150*

Sample Information

Client Sample ID: FB_10222024 **York Sample ID:** 24J1471-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Water	October 22, 2024 1:00 pm	10/22/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*143 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*148 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*121 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*88.6 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*48.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.55 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*110 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*112 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*127 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*102 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*54.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*81.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*128 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*43.4 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*87.6 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*70.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*123 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*69.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*100 %*			*25-150*						

Sample Information

Client Sample ID: TB_10222024 **York Sample ID:** 24J1471-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Water	October 22, 2024 1:00 pm	10/22/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10222024 **York Sample ID:** 24J1471-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Water	October 22, 2024 1:00 pm	10/22/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10222024 **York Sample ID:** 24J1471-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Water	October 22, 2024 1:00 pm	10/22/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10222024 **York Sample ID:** 24J1471-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1471	100688801	Water	October 22, 2024 1:00 pm	10/22/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/23/2024 12:00	10/23/2024 17:16	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*80.5 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*114 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.3 %*	*70-130*

Analytical Batch Summary

Batch ID: BJ41515 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-01	PE67_20.5	10/23/24
24J1471-02	PE68_20	10/23/24
24J1471-03	PE69_19.5	10/23/24
24J1471-04	DUP_10222024	10/23/24

Batch ID: BJ41520 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-01	PE67_20.5	10/23/24
24J1471-02	PE68_20	10/23/24
BJ41520-BLK1	Blank	10/23/24
BJ41520-SRM1	Reference	10/23/24

Batch ID: BJ41546 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-01	PE67_20.5	10/23/24
24J1471-02	PE68_20	10/23/24
24J1471-03	PE69_19.5	10/23/24
24J1471-04	DUP_10222024	10/23/24
BJ41546-BLK1	Blank	10/23/24
BJ41546-BS1	LCS	10/23/24

Batch ID: BJ41550 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-01	PE67_20.5	10/23/24
24J1471-02	PE68_20	10/23/24
24J1471-03	PE69_19.5	10/23/24
24J1471-04	DUP_10222024	10/23/24
BJ41550-BLK1	Blank	10/23/24
BJ41550-SRM1	Reference	10/23/24

Batch ID: BJ41607 **Preparation Method:** Analysis Preparation Soil **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-03	PE69_19.5	10/24/24
24J1471-04	DUP_10222024	10/24/24
BJ41607-BLK1	Blank	10/24/24
BJ41607-DUP1	Duplicate	10/24/24
BJ41607-MS1	Matrix Spike	10/24/24
BJ41607-MSD1	Matrix Spike Dup	10/24/24
BJ41607-SRM1	Reference	10/24/24

Batch ID: BJ41660 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-01	PE67_20.5	10/24/24
24J1471-02	PE68_20	10/24/24
24J1471-03	PE69_19.5	10/24/24
24J1471-04	DUP_10222024	10/24/24
BJ41660-BLK1	Blank	10/24/24
BJ41660-BS1	LCS	10/24/24
BJ41660-BS2	LCS	10/24/24

Batch ID: BJ41666 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-01	PE67_20.5	10/24/24
24J1471-02	PE68_20	10/24/24
24J1471-03	PE69_19.5	10/24/24
24J1471-04	DUP_10222024	10/24/24
BJ41666-BLK1	Blank	10/24/24
BJ41666-SRM1	Reference	10/24/24

Batch ID: BJ41684 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-01	PE67_20.5	10/24/24
24J1471-02	PE68_20	10/24/24
24J1471-03	PE69_19.5	10/24/24
24J1471-04	DUP_10222024	10/24/24
BJ41684-BLK1	Blank	10/24/24
BJ41684-BS1	LCS	10/24/24

Batch ID: BJ41689 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-06	TB_10222024	10/23/24
BJ41689-BLK1	Blank	10/23/24
BJ41689-BS1	LCS	10/23/24
BJ41689-BSD1	LCS Dup	10/23/24

Batch ID: BJ41708 **Preparation Method:** EPA 3050B **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-01	PE67_20.5	10/25/24
24J1471-02	PE68_20	10/25/24
24J1471-03	PE69_19.5	10/25/24
24J1471-04	DUP_10222024	10/25/24
BJ41708-BLK1	Blank	10/25/24

BJ41708-SRM1	Reference	10/25/24

Batch ID: BJ41736 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-01	PE67_20.5	10/25/24
24J1471-02	PE68_20	10/25/24
24J1471-03	PE69_19.5	10/25/24
24J1471-04	DUP_10222024	10/25/24
BJ41736-BLK1	Blank	10/25/24
BJ41736-BS1	LCS	10/25/24

Batch ID: BJ41761 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-01	PE67_20.5	10/25/24
24J1471-01	PE67_20.5	10/25/24
24J1471-02	PE68_20	10/25/24
24J1471-02	PE68_20	10/25/24
24J1471-03	PE69_19.5	10/25/24
24J1471-03	PE69_19.5	10/25/24
24J1471-04	DUP_10222024	10/25/24
24J1471-04	DUP_10222024	10/25/24
BJ41761-BLK1	Blank	10/25/24
BJ41761-BLK2	Blank	10/25/24
BJ41761-BS1	LCS	10/25/24
BJ41761-BS2	LCS	10/25/24

Batch ID: BJ41825 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-05	FB_10222024	10/27/24
BJ41825-BLK1	Blank	10/27/24
BJ41825-BS1	LCS	10/27/24
BJ41825-BS2	LCS	10/27/24

Batch ID: BJ41862 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-01	PE67_20.5	10/28/24
24J1471-02	PE68_20	10/28/24
24J1471-03	PE69_19.5	10/28/24
24J1471-04	DUP_10222024	10/28/24

Batch ID: BJ41916 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J1471-01	PE67_20.5	10/24/24

24J1471-02	PE68_20	10/24/24
24J1471-03	PE69_19.5	10/24/24
24J1471-04	DUP_10222024	10/24/24
BJ41916-BLK1	Blank	10/24/24
BJ41916-BS1	LCS	10/24/24
BJ41916-BSD1	LCS Dup	10/24/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41689 - EPA 5030B											
Blank (BJ41689-BLK1) Blank									Prepared & Analyzed: 10/23/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	1.38	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	0.660	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41689 - EPA 5030B											
Blank (BJ41689-BLK1) Blank								Prepared & Analyzed: 10/23/2024			
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.17*		*"*	*10.0*		*91.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.8*		*"*	*10.0*		*108*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.82*		*"*	*10.0*		*88.2*	*70-130*				
LCS (BJ41689-BS1) LCS								Prepared & Analyzed: 10/23/2024			
1,1,1,2-Tetrachloroethane	11.9		ug/L	10.0		119	82-126			30	
1,1,1-Trichloroethane	11.0		"	10.0		110	70-130			20	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	70-130			20	
1,1,2-Trichloroethane	10.5		"	10.0		105	70-130			20	
1,1-Dichloroethane	11.1		"	10.0		111	70-130			20	
1,1-Dichloroethylene	12.0		"	10.0		120	70-130			20	
1,1-Dichloropropylene	11.5		"	10.0		115	83-133			30	
1,2,3-Trichlorobenzene	8.22		"	10.0		82.2	70-130			20	
1,2,3-Trichloropropane	9.91		"	10.0		99.1	77-128			30	
1,2,4-Trichlorobenzene	8.58		"	10.0		85.8	70-130			20	
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132			20	
1,2-Dibromo-3-chloropropane	9.97		"	10.0		99.7	40-160			20	
1,2-Dibromoethane	10.3		"	10.0		103	70-130			20	
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130			20	
1,2-Dichloroethane	9.71		"	10.0		97.1	70-130			20	
1,2-Dichloropropane	12.4		"	10.0		124	70-130			20	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	80-131			30	
1,3-Dichlorobenzene	10.7		"	10.0		107	70-130			20	
1,3-Dichloropropane	10.9		"	10.0		109	81-125			30	
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130			20	
1,4-Dioxane	165		"	210		78.7	40-160			20	
2,2-Dichloropropane	12.0		"	10.0		120	56-150			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41689 - EPA 5030B											
LCS (BJ41689-BS1) LCS								Prepared & Analyzed: 10/23/2024			
2-Butanone	9.71		ug/L	10.0		97.1	40-160			20	
2-Chlorotoluene	11.6		"	10.0		116	79-130			30	
2-Hexanone	8.99		"	10.0		89.9	40-160			20	
4-Chlorotoluene	11.7		"	10.0		117	79-128			30	
4-Methyl-2-pentanone	8.42		"	10.0		84.2	40-160			20	
Acetone	9.22		"	10.0		92.2	40-160			20	
Acrolein	0.880		"	10.0		8.80	10-153	Low Bias		30	
Acrylonitrile	8.61		"	10.0		86.1	51-150			30	
Benzene	11.4		"	10.0		114	70-130			20	
Bromobenzene	11.2		"	10.0		112	78-129			30	
Bromochloromethane	10.2		"	10.0		102	70-130			20	
Bromodichloromethane	11.7		"	10.0		117	70-130			20	
Bromoform	7.75		"	10.0		77.5	70-130			20	
Bromomethane	10.1		"	10.0		101	40-160			20	
Carbon disulfide	12.2		"	10.0		122	40-160			20	
Carbon tetrachloride	11.4		"	10.0		114	70-130			20	
Chlorobenzene	11.5		"	10.0		115	70-130			20	
Chloroethane	11.3		"	10.0		113	40-160			20	
Chloroform	10.6		"	10.0		106	70-130			20	
Chloromethane	11.5		"	10.0		115	40-160			20	
cis-1,2-Dichloroethylene	11.2		"	10.0		112	70-130			20	
cis-1,3-Dichloropropylene	11.4		"	10.0		114	70-130			20	
Cyclohexane	5.47		"	10.0		54.7	70-130	Low Bias		20	
Dibromochloromethane	9.11		"	10.0		91.1	70-130			20	
Dibromomethane	10.4		"	10.0		104	72-134			30	
Dichlorodifluoromethane	9.95		"	10.0		99.5	40-160			20	
Ethyl Benzene	13.4		"	10.0		134	70-130	High Bias		20	
Hexachlorobutadiene	6.89		"	10.0		68.9	67-146			30	
Isopropylbenzene	12.5		"	10.0		125	70-130			20	
Methyl acetate	8.31		"	10.0		83.1	70-130			20	
Methyl tert-butyl ether (MTBE)	8.80		"	10.0		88.0	70-130			20	
Methylcyclohexane	11.4		"	10.0		114	70-130			20	
Methylene chloride	10.6		"	10.0		106	70-130			20	
n-Butylbenzene	9.86		"	10.0		98.6	79-132			30	
n-Propylbenzene	12.1		"	10.0		121	78-133			30	
o-Xylene	12.2		"	10.0		122	70-130			20	
p- & m- Xylenes	25.9		"	20.0		129	70-130			20	
p-Isopropyltoluene	10.7		"	10.0		107	81-136			30	
sec-Butylbenzene	10.5		"	10.0		105	79-137			30	
Styrene	12.4		"	10.0		124	70-130			20	
tert-Butyl alcohol (TBA)	28.4		"	50.0		56.7	25-162			30	
tert-Butylbenzene	9.77		"	10.0		97.7	77-138			30	
Tetrachloroethylene	11.9		"	10.0		119	70-130			20	
Toluene	12.8		"	10.0		128	70-130			20	
trans-1,2-Dichloroethylene	11.8		"	10.0		118	70-130			20	
trans-1,3-Dichloropropylene	11.1		"	10.0		111	70-130			20	
Trichloroethylene	12.7		"	10.0		127	70-130			20	
Trichlorofluoromethane	11.2		"	10.0		112	40-160			20	
Vinyl Chloride	11.2		"	10.0		112	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*7.60*		*"*	*10.0*		*76.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*11.3*		*"*	*10.0*		*113*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41689 - EPA 5030B											
LCS (BJ41689-BS1) LCS								Prepared & Analyzed: 10/23/2024			
Surrogate: SURR: p-Bromofluorobenzene	*9.16*		*ug/L*	*10.0*		*91.6*	*70-130*				
LCS Dup (BJ41689-BSD1) LCS Dup								Prepared & Analyzed: 10/23/2024			
1,1,1,2-Tetrachloroethane	11.5		ug/L	10.0		115	82-126		3.07	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	70-130		5.33	20	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	70-130		8.63	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130		7.07	20	
1,1,2-Trichloroethane	11.3		"	10.0		113	70-130		7.36	20	
1,1-Dichloroethane	10.5		"	10.0		105	70-130		4.91	20	
1,1-Dichloroethylene	11.2		"	10.0		112	70-130		6.64	20	
1,1-Dichloropropylene	10.7		"	10.0		107	83-133		6.85	30	
1,2,3-Trichlorobenzene	9.37		"	10.0		93.7	70-130		13.1	20	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		5.11	30	
1,2,4-Trichlorobenzene	8.95		"	10.0		89.5	70-130		4.22	20	
1,2,4-Trimethylbenzene	9.68		"	10.0		96.8	82-132		13.3	20	
1,2-Dibromo-3-chloropropane	10.7		"	10.0		107	40-160		6.97	20	
1,2-Dibromoethane	11.2		"	10.0		112	70-130		8.10	20	
1,2-Dichlorobenzene	9.90		"	10.0		99.0	70-130		4.73	20	
1,2-Dichloroethane	10.6		"	10.0		106	70-130		9.23	20	
1,2-Dichloropropane	11.6		"	10.0		116	70-130		6.76	20	
1,3,5-Trimethylbenzene	9.93		"	10.0		99.3	80-131		15.1	30	
1,3-Dichlorobenzene	9.64		"	10.0		96.4	70-130		10.3	20	
1,3-Dichloropropane	11.5		"	10.0		115	81-125		5.37	30	
1,4-Dichlorobenzene	9.31		"	10.0		93.1	70-130		9.42	20	
1,4-Dioxane	218		"	210		104	40-160		27.3	20	Non-dir.
2,2-Dichloropropane	11.3		"	10.0		113	56-150		6.61	30	
2-Butanone	11.7		"	10.0		117	40-160		18.8	20	
2-Chlorotoluene	9.85		"	10.0		98.5	79-130		16.5	30	
2-Hexanone	11.9		"	10.0		119	40-160		28.0	20	Non-dir.
4-Chlorotoluene	10.2		"	10.0		102	79-128		14.1	30	
4-Methyl-2-pentanone	10.6		"	10.0		106	40-160		22.6	20	Non-dir.
Acetone	11.6		"	10.0		116	40-160		23.3	20	Non-dir.
Acrolein	1.04		"	10.0		10.4	10-153		16.7	30	
Acrylonitrile	11.3		"	10.0		113	51-150		27.1	30	
Benzene	11.0		"	10.0		110	70-130		3.74	20	
Bromobenzene	10.3		"	10.0		103	78-129		7.92	30	
Bromochloromethane	11.0		"	10.0		110	70-130		7.17	20	
Bromodichloromethane	11.2		"	10.0		112	70-130		4.46	20	
Bromoform	8.79		"	10.0		87.9	70-130		12.6	20	
Bromomethane	9.38		"	10.0		93.8	40-160		7.69	20	
Carbon disulfide	11.2		"	10.0		112	40-160		8.31	20	
Carbon tetrachloride	10.6		"	10.0		106	70-130		7.74	20	
Chlorobenzene	10.8		"	10.0		108	70-130		6.82	20	
Chloroethane	10.3		"	10.0		103	40-160		9.15	20	
Chloroform	10.5		"	10.0		105	70-130		0.759	20	
Chloromethane	10.6		"	10.0		106	40-160		8.78	20	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	70-130		1.99	20	
cis-1,3-Dichloropropylene	11.2		"	10.0		112	70-130		1.41	20	
Cyclohexane	5.15		"	10.0		51.5	70-130	Low Bias	6.03	20	
Dibromochloromethane	9.48		"	10.0		94.8	70-130		3.98	20	
Dibromomethane	10.7		"	10.0		107	72-134		3.42	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41689 - EPA 5030B											
LCS Dup (BJ41689-BSD1) LCS Dup								Prepared & Analyzed: 10/23/2024			
Dichlorodifluoromethane	9.08		ug/L	10.0		90.8	40-160		9.14	20	
Ethyl Benzene	12.0		"	10.0		120	70-130		10.7	20	
Hexachlorobutadiene	6.22		"	10.0		62.2	67-146	Low Bias	10.2	30	
Isopropylbenzene	10.3		"	10.0		103	70-130		19.2	20	
Methyl acetate	10.8		"	10.0		108	70-130		26.3	20	Non-dir.
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	70-130		23.1	20	Non-dir.
Methylcyclohexane	9.98		"	10.0		99.8	70-130		13.7	20	
Methylene chloride	10.7		"	10.0		107	70-130		0.937	20	
n-Butylbenzene	8.80		"	10.0		88.0	79-132		11.4	30	
n-Propylbenzene	10.1		"	10.0		101	78-133		17.4	30	
o-Xylene	11.4		"	10.0		114	70-130		7.11	20	
p- & m- Xylenes	23.7		"	20.0		118	70-130		8.80	20	
p-Isopropyltoluene	9.44		"	10.0		94.4	81-136		12.7	30	
sec-Butylbenzene	9.07		"	10.0		90.7	79-137		14.7	30	
Styrene	12.0		"	10.0		120	70-130		3.36	20	
tert-Butyl alcohol (TBA)	50.2		"	50.0		100	25-162		55.6	30	Non-dir.
tert-Butylbenzene	8.44		"	10.0		84.4	77-138		14.6	30	
Tetrachloroethylene	10.3		"	10.0		103	70-130		14.0	20	
Toluene	11.5		"	10.0		115	70-130		10.5	20	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	70-130		7.22	20	
trans-1,3-Dichloropropylene	11.8		"	10.0		118	70-130		6.10	20	
Trichloroethylene	10.9		"	10.0		109	70-130		15.2	20	
Trichlorofluoromethane	10.3		"	10.0		103	40-160		8.47	20	
Vinyl Chloride	10.1		"	10.0		101	70-130		10.8	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.07*		*"*	*10.0*		*90.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.79*		*"*	*10.0*		*87.9*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ41916 - EPA 5035A

Blank (BJ41916-BLK1) Blank — Prepared: 10/24/2024 Analyzed: 10/25/2024

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
Dibromomethane	ND	0.0050	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"
Hexachlorobutadiene	ND	0.0050	"

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
Blank (BJ41916-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*56.4*		*ug/L*	*50.0*		*113*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				
LCS (BJ41916-BS1) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
1,1,1,2-Tetrachloroethane	47.9		ug/L	50.0		95.9	75-129			30	
1,1,1-Trichloroethane	46.6		"	50.0		93.2	70-130			30	
1,1,2,2-Tetrachloroethane	51.4		"	50.0		103	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.2		"	50.0		94.4	70-130			30	
1,1,2-Trichloroethane	46.1		"	50.0		92.2	70-130			30	
1,1-Dichloroethane	47.0		"	50.0		94.0	70-130			30	
1,1-Dichloroethylene	50.3		"	50.0		101	70-130			30	
1,1-Dichloropropylene	49.0		"	50.0		98.0	77-127			30	
1,2,3-Trichlorobenzene	51.8		"	50.0		104	70-130			30	
1,2,3-Trichloropropane	50.1		"	50.0		100	81-126			30	
1,2,4-Trichlorobenzene	53.6		"	50.0		107	70-130			30	
1,2,4-Trimethylbenzene	50.8		"	50.0		102	84-125			30	
1,2-Dibromo-3-chloropropane	53.1		"	50.0		106	40-160			30	
1,2-Dibromoethane	47.8		"	50.0		95.7	70-130			30	
1,2-Dichlorobenzene	49.0		"	50.0		97.9	70-130			30	
1,2-Dichloroethane	49.1		"	50.0		98.2	70-130			30	
1,2-Dichloropropane	47.5		"	50.0		95.0	70-130			30	
1,3,5-Trimethylbenzene	50.1		"	50.0		100	82-126			30	
1,3-Dichlorobenzene	48.7		"	50.0		97.3	70-130			30	
1,3-Dichloropropane	47.8		"	50.0		95.7	83-123			30	
1,4-Dichlorobenzene	48.4		"	50.0		96.9	70-130			30	
1,4-Dioxane	865		"	1050		82.4	40-160			30	
2,2-Dichloropropane	56.7		"	50.0		113	67-136			30	
2-Butanone	47.5		"	50.0		95.0	40-160			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
LCS (BJ41916-BS1) LCS								Prepared: 10/24/2024 Analyzed: 10/25/2024			
2-Chlorotoluene	49.4		ug/L	50.0		98.9	78-127			30	
2-Hexanone	50.2		"	50.0		100	40-160			30	
4-Chlorotoluene	50.4		"	50.0		101	79-125			30	
4-Methyl-2-pentanone	37.8		"	50.0		75.6	40-160			30	
Acetone	30.7		"	50.0		61.4	40-160			30	
Acrolein	2.66		"	50.0		5.32	10-238	Low Bias		30	
Acrylonitrile	52.3		"	50.0		105	66-141			30	
Benzene	48.8		"	50.0		97.5	70-130			30	
Bromobenzene	51.1		"	50.0		102	77-129			30	
Bromochloromethane	49.9		"	50.0		99.9	70-130			30	
Bromodichloromethane	47.3		"	50.0		94.6	70-130			30	
Bromoform	47.2		"	50.0		94.5	70-130			30	
Bromomethane	29.2		"	50.0		58.4	40-160			30	
Carbon disulfide	48.4		"	50.0		96.7	40-160			30	
Carbon tetrachloride	48.4		"	50.0		96.7	70-130			30	
Chlorobenzene	47.0		"	50.0		93.9	70-130			30	
Chloroethane	43.0		"	50.0		86.0	51-142			30	
Chloroform	47.0		"	50.0		94.0	70-130			30	
Chloromethane	46.8		"	50.0		93.6	49-132			30	
cis-1,2-Dichloroethylene	49.0		"	50.0		98.0	70-130			30	
cis-1,3-Dichloropropylene	49.7		"	50.0		99.5	70-130			30	
Cyclohexane	49.0		"	50.0		98.1	70-130			30	
Dibromochloromethane	48.8		"	50.0		97.6	70-130			30	
Dibromomethane	44.6		"	50.0		89.2	83-124			30	
Dichlorodifluoromethane	31.5		"	50.0		63.0	40-160			30	
Ethyl Benzene	48.5		"	50.0		96.9	70-130			30	
Hexachlorobutadiene	52.7		"	50.0		105	83-133			30	
Isopropylbenzene	50.8		"	50.0		102	70-130			30	
Methyl acetate	46.8		"	50.0		93.6	70-130			30	
Methyl tert-butyl ether (MTBE)	51.2		"	50.0		102	70-130			30	
Methylcyclohexane	44.0		"	50.0		88.0	70-130			30	
Methylene chloride	47.4		"	50.0		94.8	70-130			30	
n-Butylbenzene	52.2		"	50.0		104	80-130			30	
n-Propylbenzene	50.7		"	50.0		101	74-136			30	
o-Xylene	47.6		"	50.0		95.1	70-130			30	
p- & m- Xylenes	94.5		"	100		94.5	70-130			30	
p-Isopropyltoluene	52.5		"	50.0		105	85-125			30	
sec-Butylbenzene	51.0		"	50.0		102	83-125			30	
Styrene	49.7		"	50.0		99.4	70-130			30	
tert-Butyl alcohol (TBA)	280		"	250		112	70-130			30	
tert-Butylbenzene	44.2		"	50.0		88.4	80-127			30	
Tetrachloroethylene	41.9		"	50.0		83.8	70-130			30	
Toluene	46.6		"	50.0		93.2	70-130			30	
trans-1,2-Dichloroethylene	49.0		"	50.0		98.1	70-130			30	
trans-1,3-Dichloropropylene	52.9		"	50.0		106	70-130			30	
Trichloroethylene	45.7		"	50.0		91.3	70-130			30	
Trichlorofluoromethane	45.7		"	50.0		91.3	40-160			30	
Vinyl Chloride	46.8		"	50.0		93.6	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
LCS (BJ41916-BS1) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
LCS Dup (BJ41916-BSD1) LCS Dup									Prepared: 10/24/2024 Analyzed: 10/25/2024		
1,1,1,2-Tetrachloroethane	56.8		ug/L	50.0		114	75-129		16.9	30	
1,1,1-Trichloroethane	48.0		"	50.0		96.0	70-130		2.94	30	
1,1,2,2-Tetrachloroethane	47.2		"	50.0		94.4	70-130		8.64	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.9		"	50.0		93.7	70-130		0.659	30	
1,1,2-Trichloroethane	49.6		"	50.0		99.1	70-130		7.26	30	
1,1-Dichloroethane	47.8		"	50.0		95.5	70-130		1.67	30	
1,1-Dichloroethylene	50.9		"	50.0		102	70-130		1.17	30	
1,1-Dichloropropylene	49.7		"	50.0		99.5	77-127		1.52	30	
1,2,3-Trichlorobenzene	56.6		"	50.0		113	70-130		8.82	30	
1,2,3-Trichloropropane	53.3		"	50.0		107	81-126		6.09	30	
1,2,4-Trichlorobenzene	58.7		"	50.0		117	70-130		9.10	30	
1,2,4-Trimethylbenzene	52.2		"	50.0		104	84-125		2.64	30	
1,2-Dibromo-3-chloropropane	56.1		"	50.0		112	40-160		5.58	30	
1,2-Dibromoethane	51.5		"	50.0		103	70-130		7.45	30	
1,2-Dichlorobenzene	50.3		"	50.0		101	70-130		2.62	30	
1,2-Dichloroethane	49.8		"	50.0		99.7	70-130		1.54	30	
1,2-Dichloropropane	55.3		"	50.0		111	70-130		15.1	30	
1,3,5-Trimethylbenzene	49.7		"	50.0		99.4	82-126		0.742	30	
1,3-Dichlorobenzene	49.4		"	50.0		98.8	70-130		1.49	30	
1,3-Dichloropropane	48.6		"	50.0		97.2	83-123		1.53	30	
1,4-Dichlorobenzene	49.5		"	50.0		99.0	70-130		2.19	30	
1,4-Dioxane	1020		"	1050		97.4	40-160		16.7	30	
2,2-Dichloropropane	57.9		"	50.0		116	67-136		2.23	30	
2-Butanone	47.8		"	50.0		95.5	40-160		0.504	30	
2-Chlorotoluene	49.0		"	50.0		98.0	78-127		0.894	30	
2-Hexanone	46.2		"	50.0		92.4	40-160		8.24	30	
4-Chlorotoluene	50.1		"	50.0		100	79-125		0.558	30	
4-Methyl-2-pentanone	43.9		"	50.0		87.8	40-160		14.9	30	
Acetone	31.0		"	50.0		61.9	40-160		0.876	30	
Acrolein	2.87		"	50.0		5.74	10-238	Low Bias	7.59	30	
Acrylonitrile	54.7		"	50.0		109	66-141		4.56	30	
Benzene	49.4		"	50.0		98.7	70-130		1.22	30	
Bromobenzene	49.3		"	50.0		98.5	77-129		3.63	30	
Bromochloromethane	51.2		"	50.0		102	70-130		2.41	30	
Bromodichloromethane	54.3		"	50.0		109	70-130		13.8	30	
Bromoform	59.4		"	50.0		119	70-130		22.8	30	
Bromomethane	30.6		"	50.0		61.2	40-160		4.71	30	
Carbon disulfide	48.7		"	50.0		97.4	40-160		0.762	30	
Carbon tetrachloride	49.1		"	50.0		98.3	70-130		1.58	30	
Chlorobenzene	48.5		"	50.0		96.9	70-130		3.17	30	
Chloroethane	45.6		"	50.0		91.3	51-142		6.03	30	
Chloroform	47.8		"	50.0		95.5	70-130		1.62	30	
Chloromethane	48.8		"	50.0		97.6	49-132		4.20	30	
cis-1,2-Dichloroethylene	50.4		"	50.0		101	70-130		2.84	30	
cis-1,3-Dichloropropylene	57.1		"	50.0		114	70-130		13.8	30	
Cyclohexane	49.8		"	50.0		99.5	70-130		1.48	30	
Dibromochloromethane	57.5		"	50.0		115	70-130		16.4	30	
Dibromomethane	51.3		"	50.0		103	83-124		13.9	30	
Dichlorodifluoromethane	31.2		"	50.0		62.5	40-160		0.861	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
LCS Dup (BJ41916-BSD1) LCS Dup									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Ethyl Benzene	51.4		ug/L	50.0		103	70-130		5.77	30	
Hexachlorobutadiene	64.4		"	50.0		129	83-133		20.1	30	
Isopropylbenzene	51.1		"	50.0		102	70-130		0.471	30	
Methyl acetate	48.6		"	50.0		97.2	70-130		3.77	30	
Methyl tert-butyl ether (MTBE)	53.5		"	50.0		107	70-130		4.41	30	
Methylcyclohexane	50.7		"	50.0		101	70-130		14.2	30	
Methylene chloride	48.4		"	50.0		96.8	70-130		2.09	30	
n-Butylbenzene	50.8		"	50.0		102	80-130		2.68	30	
n-Propylbenzene	48.7		"	50.0		97.3	74-136		4.15	30	
o-Xylene	51.6		"	50.0		103	70-130		8.21	30	
p- & m- Xylenes	101		"	100		101	70-130		6.65	30	
p-Isopropyltoluene	54.4		"	50.0		109	85-125		3.52	30	
sec-Butylbenzene	50.8		"	50.0		102	83-125		0.530	30	
Styrene	50.9		"	50.0		102	70-130		2.37	30	
tert-Butyl alcohol (TBA)	302		"	250		121	70-130		7.68	30	
tert-Butylbenzene	45.8		"	50.0		91.6	80-127		3.49	30	
Tetrachloroethylene	48.8		"	50.0		97.5	70-130		15.2	30	
Toluene	47.9		"	50.0		95.9	70-130		2.77	30	
trans-1,2-Dichloroethylene	49.9		"	50.0		99.7	70-130		1.68	30	
trans-1,3-Dichloropropylene	57.7		"	50.0		115	70-130		8.71	30	
Trichloroethylene	53.0		"	50.0		106	70-130		14.9	30	
Trichlorofluoromethane	45.0		"	50.0		89.9	40-160		1.59	30	
Vinyl Chloride	47.9		"	50.0		95.7	70-130		2.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.8*		*"*	*50.0*		*110*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ41684 - EPA 3550C

Blank (BJ41684-BLK1) Blank — Prepared: 10/24/2024 Analyzed: 10/25/2024

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41684 - EPA 3550C											
Blank (BJ41684-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.39*		"	*1.66*		*83.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.20*		"	*1.66*		*72.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.634*		"	*0.831*		*76.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.671*		"	*0.831*		*80.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.31*		"	*1.66*		*78.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.671*		"	*0.831*		*80.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41684 - EPA 3550C											
LCS (BJ41684-BS1) LCS								Prepared: 10/24/2024 Analyzed: 10/25/2024			
1,1-Biphenyl	0.756	0.0416	mg/kg wet	0.831		91.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.688	0.0830	"	0.831		82.8	21-131				
1,2,4-Trichlorobenzene	0.737	0.0416	"	1.25		59.2	10-140				
1,2-Dichlorobenzene	0.698	0.0416	"	1.25		56.0	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.742	0.0416	"	1.25		59.5	17-137				
1,3-Dichlorobenzene	0.702	0.0416	"	1.25		56.3	33-110				
1,4-Dichlorobenzene	0.701	0.0416	"	1.25		56.2	32-104				
2,3,4,6-Tetrachlorophenol	0.675	0.0830	"	1.25		54.2	30-130				
2,4,5-Trichlorophenol	0.743	0.0416	"	1.25		59.6	27-118				
2,4,6-Trichlorophenol	0.777	0.0416	"	1.25		62.4	31-120				
2,4-Dichlorophenol	0.807	0.0416	"	1.25		64.8	20-127				
2,4-Dimethylphenol	0.903	0.0416	"	1.25		72.5	14-132				
2,4-Dinitrophenol	ND	0.0830	"	1.25			10-171	Low Bias			
2,4-Dinitrotoluene	0.798	0.0416	"	1.25		64.1	34-131				
2,6-Dinitrotoluene	0.804	0.0416	"	1.25		64.5	31-128				
2-Chloronaphthalene	0.782	0.0416	"	1.25		62.7	31-117				
2-Chlorophenol	0.793	0.0416	"	1.25		63.7	33-113				
2-Methylnaphthalene	0.683	0.0416	"	1.25		54.8	12-138				
2-Methylphenol	0.726	0.0416	"	1.25		58.2	10-136				
2-Nitroaniline	0.848	0.0830	"	1.25		68.1	27-132				
2-Nitrophenol	0.776	0.0416	"	1.25		62.3	17-129				
3- & 4-Methylphenols	0.635	0.0416	"	1.25		50.9	29-103				
3,3-Dichlorobenzidine	0.602	0.0416	"	0.831		72.4	22-149				
3-Nitroaniline	0.722	0.0830	"	1.25		58.0	20-133				
4,6-Dinitro-2-methylphenol	0.585	0.0830	"	1.25		47.0	10-143				
4-Bromophenyl phenyl ether	0.729	0.0416	"	1.25		58.5	29-120				
4-Chloro-3-methylphenol	0.778	0.0416	"	1.25		62.4	24-129				
4-Chloroaniline	0.568	0.0416	"	1.25		45.6	10-132				
4-Chlorophenyl phenyl ether	0.737	0.0416	"	1.25		59.2	27-124				
4-Nitroaniline	0.806	0.0830	"	1.25		64.7	16-128				
4-Nitrophenol	0.611	0.0830	"	1.25		49.1	10-141				
Acenaphthene	0.756	0.0416	"	1.25		60.7	30-121				
Acenaphthylene	0.820	0.0416	"	1.25		65.8	30-115				
Acetophenone	0.618	0.0416	"	0.831		74.4	20-112				
Aniline	0.699	0.166	"	1.25		56.1	10-119				
Anthracene	0.809	0.0416	"	1.25		64.9	34-118				
Atrazine	0.747	0.0416	"	0.831		89.9	26-112				
Benzaldehyde	0.648	0.0416	"	0.831		78.0	21-100				
Benzo(a)anthracene	0.781	0.0416	"	1.25		62.7	32-122				
Benzo(a)pyrene	0.840	0.0416	"	1.25		67.4	29-133				
Benzo(b)fluoranthene	0.801	0.0416	"	1.25		64.3	25-133				
Benzo(g,h,i)perylene	0.877	0.0416	"	1.25		70.4	10-143				
Benzo(k)fluoranthene	0.827	0.0416	"	1.25		66.3	25-128				
Benzoic acid	0.107	0.0416	"	0.831		12.9	10-140				
Benzyl alcohol	0.700	0.0416	"	1.25		56.2	30-115				
Benzyl butyl phthalate	0.798	0.0416	"	1.25		64.1	26-126				
Bis(2-chloroethoxy)methane	0.793	0.0416	"	1.25		63.7	19-132				
Bis(2-chloroethyl)ether	0.678	0.0416	"	1.25		54.4	19-125				
Bis(2-chloroisopropyl)ether	0.617	0.0416	"	1.25		49.5	20-135				
Bis(2-ethylhexyl)phthalate	0.844	0.0416	"	1.25		67.7	10-155				
Caprolactam	0.846	0.0830	"	0.831		102	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41684 - EPA 3550C											
LCS (BJ41684-BS1) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Carbazole	0.822	0.0416	mg/kg wet	1.25		66.0	35-123				
Chrysene	0.793	0.0416	"	1.25		63.6	32-123				
Dibenzo(a,h)anthracene	0.855	0.0416	"	1.25		68.6	10-136				
Dibenzofuran	0.771	0.0416	"	1.25		61.9	29-121				
Diethyl phthalate	0.751	0.0416	"	1.25		60.3	34-116				
Dimethyl phthalate	0.750	0.0416	"	1.25		60.2	35-124				
Di-n-butyl phthalate	0.791	0.0416	"	1.25		63.5	31-116				
Di-n-octyl phthalate	0.855	0.0416	"	1.25		68.6	26-136				
Fluoranthene	0.741	0.0416	"	1.25		59.5	33-122				
Fluorene	0.777	0.0416	"	1.25		62.4	29-123				
Hexachlorobenzene	0.677	0.0416	"	1.25		54.3	21-124				
Hexachlorobutadiene	0.726	0.0416	"	1.25		58.3	10-149				
Hexachlorocyclopentadiene	0.131	0.0416	"	1.25		10.5	10-129				
Hexachloroethane	0.718	0.0416	"	1.25		57.7	28-108				
Indeno(1,2,3-cd)pyrene	0.849	0.0416	"	1.25		68.1	10-135				
Isophorone	0.699	0.0416	"	1.25		56.1	20-132				
Naphthalene	0.774	0.0416	"	1.25		62.1	23-124				
Nitrobenzene	0.700	0.0416	"	1.25		56.2	13-132				
N-Nitrosodimethylamine	0.628	0.0416	"	1.25		50.4	11-129				
N-nitroso-di-n-propylamine	0.579	0.0416	"	1.25		46.5	24-119				
N-Nitrosodiphenylamine	0.847	0.0416	"	1.25		68.0	22-152				
Pentachlorophenol	0.385	0.0416	"	1.25		30.9	10-139				
Phenanthrene	0.777	0.0416	"	1.25		62.4	33-123				
Phenol	0.814	0.0416	"	1.25		65.3	23-115				
Pyrene	0.778	0.0416	"	1.25		62.4	24-130				
Pyridine	0.455	0.166	"	1.25		36.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.75*		"	*1.66*		*105*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.59*		"	*1.66*		*95.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.801*		"	*0.831*		*96.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.857*		"	*0.831*		*103*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.68*		"	*1.66*		*101*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.862*		"	*0.831*		*104*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41736 - EPA 3550C											
Blank (BJ41736-BLK1) Blank									Prepared: 10/25/2024 Analyzed: 10/28/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*554*		*"*	*495*		*112*	*39-127.5*				
LCS (BJ41736-BS1) LCS									Prepared: 10/25/2024 Analyzed: 10/28/2024		
1,4-Dioxane	518	19.8	ug/kg	495		105	40-130				
Surrogate: 1,4-Dioxane-d8	*465*		*"*	*495*		*94.0*	*39-127.5*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
Blank (BJ41660-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.748	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.756	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.787	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.738	"								
HFPO-DA (Gen-X)	ND	0.787	"								
11CL-PF3OUdS	ND	0.744	"								
9CL-PF3ONS	ND	0.736	"								
ADONA	ND	0.744	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.984	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.92	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.92	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.34*		"	*2.29*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.74*		"	*2.46*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.06*		"	*2.46*		*83.8*	*25-150*				
Surrogate: M3PFHxS	*2.31*		"	*2.33*		*99.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.97*		"	*2.46*		*121*	*25-150*				
Surrogate: M6PFDA	*1.20*		"	*1.23*		*97.5*	*25-150*				
Surrogate: M7PFUdA	*1.11*		"	*1.23*		*90.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.709*		"	*1.23*		*57.6*	*25-150*				
Surrogate: M2PFTeDA	*0.510*		"	*1.23*		*41.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
Blank (BJ41660-BLK1) Blank								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.06*		*ug/kg wet*	*9.84*		*81.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.35*		*"*	*2.36*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.34*		*"*	*4.92*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.57*		*"*	*2.46*		*104*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.75*		*"*	*4.92*		*96.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.95*		*"*	*4.92*		*101*	*25-150*				
Surrogate: M2-6:2 FTS	*3.92*		*"*	*4.68*		*83.8*	*25-200*				
Surrogate: M2-8:2 FTS	*3.79*		*"*	*4.72*		*80.2*	*25-200*				
Surrogate: M9PFNA	*1.16*		*"*	*1.23*		*94.2*	*25-150*				
Surrogate: M2-4:2 FTS	*5.27*		*"*	*4.62*		*114*	*25-150*				
Surrogate: d-N-MeFOSA	*1.63*		*"*	*2.46*		*66.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.01*		*"*	*2.46*		*41.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.5*		*"*	*9.84*		*117*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.9*		*"*	*24.6*		*52.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.2*		*"*	*24.6*		*69.8*	*25-150*				
LCS (BJ41660-BS1) LCS								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Perfluorobutanesulfonic acid (PFBS)	3.14	0.175	ug/kg wet	3.50		89.7	50-150				
Perfluorohexanoic acid (PFHxA)	3.47	0.198	"	3.95		87.9	50-150				
Perfluoroheptanoic acid (PFHpA)	5.26	0.198	"	3.95		133	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.34	0.181	"	3.62		92.4	50-150				
Perfluorooctanoic acid (PFOA)	3.30	0.198	"	3.95		83.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.50	0.184	"	3.68		95.1	50-150				
Perfluorononanoic acid (PFNA)	3.29	0.198	"	3.95		83.3	50-150				
Perfluorodecanoic acid (PFDA)	3.24	0.198	"	3.95		82.0	50-150				
Perfluoroundecanoic acid (PFUnA)	3.78	0.198	"	3.95		95.7	50-150				
Perfluorododecanoic acid (PFDoA)	3.18	0.198	"	3.95		80.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.50	0.198	"	3.95		88.5	50-150				
Perfluorotetradecanoic acid (PFTA)	3.60	0.198	"	3.95		91.2	50-150				
N-MeFOSAA	3.71	0.198	"	3.95		93.8	50-150				
N-EtFOSAA	3.71	0.198	"	3.95		94.0	50-150				
Perfluoropentanoic acid (PFPeA)	7.56	0.395	"	7.91		95.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.89	0.198	"	3.95		73.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.72	0.198	"	3.77		98.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.23	0.191	"	3.81		84.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.6	0.751	"	15.0		90.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.6	0.759	"	15.2		89.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.6	0.791	"	15.8		92.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.05	0.352	"	7.04		100	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.08	0.395	"	7.91		115	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.87	0.395	"	7.91		86.9	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.49	0.395	"	7.91		94.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.67	0.186	"	3.72		98.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.5	0.741	"	14.8		84.2	50-150				
HFPO-DA (Gen-X)	7.32	0.791	"	7.91		92.6	50-150				
11CL-PF3OUdS	5.00	0.747	"	7.47		66.9	50-150				
9CL-PF3ONS	6.19	0.739	"	7.39		83.8	50-150				
ADONA	6.49	0.747	"	7.47		86.8	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
LCS (BJ41660-BS1) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Perfluorododecanesulfonic acid (PFDoS)	2.03	0.192	ug/kg wet	3.83		52.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.44	0.190	"	3.79		90.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	13.5	0.988	"	15.8		85.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	75.5	4.94	"	79.1		95.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	80.1	4.94	"	79.1		101	50-150				
N-MeFOSE	33.2	1.98	"	39.5		84.1	50-150				
N-MeFOSA	4.25	0.198	"	3.95		107	50-150				
N-EtFOSE	40.4	1.98	"	39.5		102	50-150				
N-EtFOSA	3.55	0.198	"	3.95		89.8	50-150				
Surrogate: M3PFBS	*2.35*		*"*	*2.30*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.66*		*"*	*2.47*		*108*	*25-150*				
Surrogate: M4PFHpA	*1.85*		*"*	*2.47*		*75.0*	*25-150*				
Surrogate: M3PFHxS	*2.37*		*"*	*2.34*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.82*		*"*	*2.47*		*114*	*25-150*				
Surrogate: M6PFDA	*1.41*		*"*	*1.24*		*115*	*25-150*				
Surrogate: M7PFUdA	*1.29*		*"*	*1.24*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.874*		*"*	*1.24*		*70.8*	*25-150*				
Surrogate: M2PFTeDA	*0.696*		*"*	*1.24*		*56.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.87*		*"*	*9.88*		*99.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.58*		*"*	*2.37*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.08*		*"*	*4.94*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.66*		*"*	*2.47*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.63*		*"*	*4.94*		*93.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.87*		*"*	*4.94*		*98.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.85*		*"*	*4.70*		*81.9*	*25-200*				
Surrogate: M2-8:2 FTS	*4.31*		*"*	*4.74*		*90.8*	*25-200*				
Surrogate: M9PFNA	*1.33*		*"*	*1.24*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*5.17*		*"*	*4.63*		*112*	*25-150*				
Surrogate: d-N-MeFOSA	*1.55*		*"*	*2.47*		*62.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.29*		*"*	*2.47*		*52.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.0*		*"*	*9.88*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.3*		*"*	*24.7*		*62.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.8*		*"*	*24.7*		*76.3*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
LCS (BJ41660-BS2) LCS								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Perfluorobutanesulfonic acid (PFBS)	0.635	0.175	ug/kg wet	0.700		90.7	50-150				
Perfluorohexanoic acid (PFHxA)	0.690	0.198	"	0.791		87.3	50-150				
Perfluoroheptanoic acid (PFHpA)	0.948	0.198	"	0.791		120	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.673	0.181	"	0.723		93.0	50-150				
Perfluorooctanoic acid (PFOA)	0.614	0.198	"	0.791		77.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.811	0.184	"	0.735		110	50-150				
Perfluorononanoic acid (PFNA)	0.681	0.198	"	0.791		86.2	50-150				
Perfluorodecanoic acid (PFDA)	0.535	0.198	"	0.791		67.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.782	0.198	"	0.791		99.0	50-150				
Perfluorododecanoic acid (PFDoA)	0.688	0.198	"	0.791		87.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.742	0.198	"	0.791		93.8	50-150				
Perfluorotetradecanoic acid (PFTA)	0.810	0.198	"	0.791		102	50-150				
N-MeFOSAA	0.804	0.198	"	0.791		102	50-150				
N-EtFOSAA	0.666	0.198	"	0.791		84.3	50-150				
Perfluoropentanoic acid (PFPeA)	1.48	0.395	"	1.58		93.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.646	0.198	"	0.791		81.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.775	0.198	"	0.755		103	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.478	0.191	"	0.763		62.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.78	0.751	"	3.00		92.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.96	0.759	"	3.04		97.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.80	0.791	"	3.16		88.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.36	0.352	"	1.41		97.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.55	0.395	"	1.58		98.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.122	0.395	"	1.58		7.69	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	2.24	0.395	"	1.58		142	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.738	0.186	"	0.743		99.3	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.50	0.741	"	2.96		84.2	50-150				
HFPO-DA (Gen-X)	1.47	0.791	"	1.58		92.7	50-150				
11CL-PF3OUdS	0.967	0.747	"	1.49		64.7	50-150				
9CL-PF3ONS	1.13	0.739	"	1.48		76.3	50-150				
ADONA	1.28	0.747	"	1.49		85.8	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.489	0.192	"	0.767		63.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.654	0.190	"	0.759		86.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.55	0.988	"	3.16		49.1	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	14.4	4.94	"	15.8		90.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	15.0	4.94	"	15.8		94.6	50-150				
N-MeFOSE	8.08	1.98	"	7.91		102	50-150				
N-MeFOSA	0.895	0.198	"	0.791		113	50-150				
N-EtFOSE	8.59	1.98	"	7.91		109	50-150				
N-EtFOSA	0.717	0.198	"	0.791		90.7	50-150				
Surrogate: M3PFBS	*2.27*		"	*2.30*		*98.6*	*25-150*				
Surrogate: M5PFHxA	*2.80*		"	*2.47*		*113*	*25-150*				
Surrogate: M4PFHpA	*1.97*		"	*2.47*		*79.8*	*25-150*				
Surrogate: M3PFHxS	*2.28*		"	*2.34*		*97.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		"	*2.47*		*123*	*25-150*				
Surrogate: M6PFDA	*1.37*		"	*1.24*		*111*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.24*		*91.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.801*		"	*1.24*		*64.8*	*25-150*				
Surrogate: M2PFTeDA	*0.632*		"	*1.24*		*51.2*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
LCS (BJ41660-BS2) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.200*		*ug/kg wet*	*9.88*		*2.03*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.17*		*"*	*2.37*		*91.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.89*		*"*	*4.94*		*58.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.34*		*"*	*2.47*		*94.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		*"*	*4.94*		*82.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.58*		*"*	*4.94*		*92.7*	*25-150*				
Surrogate: M2-6:2 FTS	*3.59*		*"*	*4.70*		*76.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.64*		*"*	*4.74*		*76.7*	*25-200*				
Surrogate: M9PFNA	*1.19*		*"*	*1.24*		*96.2*	*25-150*				
Surrogate: M2-4:2 FTS	*5.11*		*"*	*4.63*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*1.34*		*"*	*2.47*		*54.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.25*		*"*	*2.47*		*50.4*	*25-150*				
Surrogate: M3HFPO-DA	*11.3*		*"*	*9.88*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.0*		*"*	*24.7*		*60.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.3*		*"*	*24.7*		*70.0*	*25-150*				
Batch BJ41825 - EPA 1633 Prep											
Blank (BJ41825-BLK1) Blank									Prepared: 10/27/2024 Analyzed: 10/28/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41825 - EPA 1633 Prep											
Blank (BJ41825-BLK1) Blank									Prepared: 10/27/2024 Analyzed: 10/28/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*27.5*		"	*23.3*		*118*	*25-150*				
Surrogate: M5PFHxA	*28.8*		"	*25.0*		*115*	*25-150*				
Surrogate: M4PFHpA	*26.5*		"	*25.0*		*106*	*25-150*				
Surrogate: M3PFHxS	*30.2*		"	*23.7*		*127*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.6*		"	*25.0*		*122*	*25-150*				
Surrogate: M6PFDA	*15.6*		"	*12.5*		*125*	*25-150*				
Surrogate: M7PFUdA	*12.7*		"	*12.5*		*102*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.5*		"	*12.5*		*91.9*	*25-150*				
Surrogate: M2PFTeDA	*9.48*		"	*12.5*		*75.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.02*		"	*100*		*3.02*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.6*		"	*24.0*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*32.5*		"	*50.0*		*65.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.9*		"	*25.0*		*116*	*10-150*				
Surrogate: d3-N-MeFOSAA	*57.0*		"	*50.0*		*114*	*25-150*				
Surrogate: d5-N-EtFOSAA	*67.4*		"	*50.0*		*135*	*25-150*				
Surrogate: M2-6:2 FTS	*16.0*		"	*47.6*		*33.7*	*25-200*				
Surrogate: M2-8:2 FTS	*32.4*		"	*48.0*		*67.6*	*25-200*				
Surrogate: M9PFNA	*16.5*		"	*12.5*		*132*	*25-150*				
Surrogate: M2-4:2 FTS	*12.6*		"	*46.9*		*26.9*	*25-150*				
Surrogate: d-N-MeFOSA	*12.2*		"	*25.0*		*48.9*	*25-150*				
Surrogate: d-N-EtFOSA	*10.5*		"	*25.0*		*42.2*	*25-150*				
Surrogate: M3HFPO-DA	*59.0*		"	*100*		*59.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*274*		"	*250*		*109*	*25-150*				
Surrogate: d7-N-MeFOSE	*361*		"	*250*		*144*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41825 - EPA 1633 Prep											
LCS (BJ41825-BS1) LCS								Prepared: 10/27/2024 Analyzed: 10/28/2024			
Perfluorobutanesulfonic acid (PFBS)	33.5	1.77	ng/L	35.4		94.5	50-150				
Perfluorohexanoic acid (PFHxA)	39.5	2.00	"	40.0		98.8	50-150				
Perfluoroheptanoic acid (PFHpA)	48.4	2.00	"	40.0		121	50-150				
Perfluorohexanesulfonic acid (PFHxS)	38.4	1.83	"	36.6		105	50-150				
Perfluorooctanoic acid (PFOA)	36.1	2.00	"	40.0		90.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	35.0	1.86	"	37.2		94.1	50-150				
Perfluorononanoic acid (PFNA)	34.8	2.00	"	40.0		87.1	50-150				
Perfluorodecanoic acid (PFDA)	26.4	2.00	"	40.0		65.9	50-150				
Perfluoroundecanoic acid (PFUnA)	45.8	2.00	"	40.0		114	50-150				
Perfluorododecanoic acid (PFDoA)	34.5	2.00	"	40.0		86.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	43.5	2.00	"	40.0		109	50-150				
Perfluorotetradecanoic acid (PFTA)	41.8	2.00	"	40.0		105	50-150				
N-MeFOSAA	39.2	2.00	"	40.0		97.9	50-150				
N-EtFOSAA	38.8	2.00	"	40.0		97.0	50-150				
Perfluoropentanoic acid (PFPeA)	80.9	4.00	"	80.0		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	36.7	2.00	"	40.0		91.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	37.7	1.91	"	38.2		98.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	42.1	1.93	"	38.6		109	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	166	7.60	"	152		109	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	163	7.68	"	154		106	50-150				
Perfluoro-n-butanoic acid (PFBA)	138	8.00	"	160		86.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	74.8	3.56	"	71.2		105	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	89.3	4.00	"	80.0		112	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	13.7	4.00	"	80.0		17.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	120	4.00	"	80.0		150	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	38.7	1.88	"	37.6		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	135	7.50	"	150		90.2	50-150				
HFPO-DA (Gen-X)	96.4	8.00	"	80.0		121	50-150				
11CL-PF3OUdS	157	7.56	"	75.6		207	50-150	High Bias			
9CL-PF3ONS	167	7.48	"	74.8		224	50-150	High Bias			
ADONA	159	7.56	"	75.6		211	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	34.9	1.94	"	38.8		90.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	43.0	1.92	"	38.4		112	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	56.4	5.00	"	160		35.3	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	617	25.0	"	800		77.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	735	25.0	"	800		91.9	50-150				
N-MeFOSE	344	20.0	"	400		86.0	50-150				
N-MeFOSA	48.7	2.00	"	40.0		122	50-150				
N-EtFOSE	380	20.0	"	400		95.0	50-150				
N-EtFOSA	30.2	2.00	"	40.0		75.5	50-150				
Surrogate: M3PFBS	*28.5*		*"*	*23.3*		*122*	*25-150*				
Surrogate: M5PFHxA	*29.7*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M4PFHpA	*27.1*		*"*	*25.0*		*108*	*25-150*				
Surrogate: M3PFHxS	*31.7*		*"*	*23.7*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*36.5*		*"*	*25.0*		*146*	*25-150*				
Surrogate: M6PFDA	*21.6*		*"*	*12.5*		*173*	*25-150*				
Surrogate: M7PFUdA	*18.2*		*"*	*12.5*		*146*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.1*		*"*	*12.5*		*129*	*25-150*				
Surrogate: M2PFTeDA	*12.8*		*"*	*12.5*		*102*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41825 - EPA 1633 Prep											
LCS (BJ41825-BS1) LCS								Prepared: 10/27/2024 Analyzed: 10/28/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.96*		*ng/L*	*100*		*2.96*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.5*		*"*	*24.0*		*131*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*30.0*		*"*	*50.0*		*60.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.4*		*"*	*25.0*		*122*	*10-150*				
Surrogate: d3-N-MeFOSAA	*61.6*		*"*	*50.0*		*123*	*25-150*				
Surrogate: d5-N-EtFOSAA	*73.8*		*"*	*50.0*		*148*	*25-150*				
Surrogate: M2-6:2 FTS	*18.8*		*"*	*47.6*		*39.5*	*25-200*				
Surrogate: M2-8:2 FTS	*36.8*		*"*	*48.0*		*76.8*	*25-200*				
Surrogate: M9PFNA	*16.5*		*"*	*12.5*		*132*	*25-150*				
Surrogate: M2-4:2 FTS	*15.4*		*"*	*46.9*		*32.8*	*25-150*				
Surrogate: d-N-MeFOSA	*13.7*		*"*	*25.0*		*54.8*	*25-150*				
Surrogate: d-N-EtFOSA	*14.2*		*"*	*25.0*		*56.7*	*25-150*				
Surrogate: M3HFPO-DA	*63.3*		*"*	*100*		*63.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*308*		*"*	*250*		*123*	*25-150*				
Surrogate: d7-N-MeFOSE	*388*		*"*	*250*		*155*	*25-150*				
LCS (BJ41825-BS2) LCS								Prepared: 10/27/2024 Analyzed: 10/28/2024			
Perfluorobutanesulfonic acid (PFBS)	7.52	1.77	ng/L	7.08		106	50-150				
Perfluorohexanoic acid (PFHxA)	7.92	2.00	"	8.00		99.1	50-150				
Perfluoroheptanoic acid (PFHpA)	10.1	2.00	"	8.00		126	50-150				
Perfluorohexanesulfonic acid (PFHxS)	8.25	1.83	"	7.32		113	50-150				
Perfluorooctanoic acid (PFOA)	6.73	2.00	"	8.00		84.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	7.59	1.86	"	7.44		102	50-150				
Perfluorononanoic acid (PFNA)	8.99	2.00	"	8.00		112	50-150				
Perfluorodecanoic acid (PFDA)	6.00	2.00	"	8.00		75.0	50-150				
Perfluoroundecanoic acid (PFUnA)	9.56	2.00	"	8.00		119	50-150				
Perfluorododecanoic acid (PFDoA)	6.80	2.00	"	8.00		85.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	9.34	2.00	"	8.00		117	50-150				
Perfluorotetradecanoic acid (PFTA)	8.83	2.00	"	8.00		110	50-150				
N-MeFOSAA	8.75	2.00	"	8.00		109	50-150				
N-EtFOSAA	8.45	2.00	"	8.00		106	50-150				
Perfluoropentanoic acid (PFPeA)	16.7	4.00	"	16.0		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.89	2.00	"	8.00		98.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.45	1.91	"	7.64		97.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	10.3	1.93	"	7.72		133	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	32.4	7.60	"	30.4		107	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	31.5	7.68	"	30.7		103	50-150				
Perfluoro-n-butanoic acid (PFBA)	30.3	8.00	"	32.0		94.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.4	3.56	"	14.2		108	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	21.4	4.00	"	16.0		134	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	3.04	4.00	"	16.0		19.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	21.7	4.00	"	16.0		136	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.63	1.88	"	7.52		101	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	30.5	7.50	"	30.0		102	50-150				
HFPO-DA (Gen-X)	21.2	8.00	"	16.0		133	50-150				
11CL-PF3OUdS	26.2	7.56	"	15.1		174	50-150	High Bias			
9CL-PF3ONS	28.4	7.48	"	15.0		190	50-150	High Bias			
ADONA	26.5	7.56	"	15.1		175	50-150	High Bias			

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41825 - EPA 1633 Prep											
LCS (BJ41825-BS2) LCS								Prepared: 10/27/2024 Analyzed: 10/28/2024			
Perfluorododecanesulfonic acid (PFDoS)	7.12	1.94	ng/L	7.76		91.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	9.21	1.92	"	7.68		120	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	11.5	5.00	"	32.0		35.8	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	123	25.0	"	160		77.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	147	25.0	"	160		91.7	50-150				
N-MeFOSE	77.6	20.0	"	80.0		97.0	50-150				
N-MeFOSA	10.3	2.00	"	8.00		128	50-150				
N-EtFOSE	77.5	20.0	"	80.0		96.9	50-150				
N-EtFOSA	7.71	2.00	"	8.00		96.4	50-150				
Surrogate: M3PFBS	*24.9*		"	*23.3*		*107*	*25-150*				
Surrogate: M5PFHxA	*28.2*		"	*25.0*		*113*	*25-150*				
Surrogate: M4PFHpA	*24.2*		"	*25.0*		*96.8*	*25-150*				
Surrogate: M3PFHxS	*28.6*		"	*23.7*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.4*		"	*25.0*		*130*	*25-150*				
Surrogate: M6PFDA	*17.4*		"	*12.5*		*139*	*25-150*				
Surrogate: M7PFUdA	*14.4*		"	*12.5*		*115*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.9*		"	*12.5*		*111*	*25-150*				
Surrogate: M2PFTeDA	*10.7*		"	*12.5*		*85.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.19*		"	*100*		*3.19*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*26.3*		"	*24.0*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*38.7*		"	*50.0*		*77.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.0*		"	*25.0*		*99.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.8*		"	*50.0*		*97.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*60.3*		"	*50.0*		*121*	*25-150*				
Surrogate: M2-6:2 FTS	*14.6*		"	*47.6*		*30.8*	*25-200*				
Surrogate: M2-8:2 FTS	*28.4*		"	*48.0*		*59.2*	*25-200*				
Surrogate: M9PFNA	*12.6*		"	*12.5*		*100*	*25-150*				
Surrogate: M2-4:2 FTS	*12.0*		"	*46.9*		*25.7*	*25-150*				
Surrogate: d-N-MeFOSA	*11.5*		"	*25.0*		*45.9*	*25-150*				
Surrogate: d-N-EtFOSA	*10.7*		"	*25.0*		*42.7*	*25-150*				
Surrogate: M3HFPO-DA	*69.0*		"	*100*		*69.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*292*		"	*250*		*117*	*25-150*				
Surrogate: d7-N-MeFOSE	*329*		"	*250*		*132*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41761 - EPA 3550C											
Blank (BJ41761-BLK1) Blank									Prepared: 10/25/2024 Analyzed: 10/26/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0316*		*"*	*0.0664*		*47.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0473*		*"*	*0.0664*		*71.3*	*30-150*				
LCS (BJ41761-BS1) LCS									Prepared: 10/25/2024 Analyzed: 10/26/2024		
4,4'-DDD	0.0163	0.00164	mg/kg wet	0.0332		49.2	40-140				
4,4'-DDE	0.0194	0.00164	"	0.0332		58.3	40-140				
4,4'-DDT	0.0172	0.00164	"	0.0332		51.8	40-140				
Aldrin	0.0199	0.00164	"	0.0332		60.0	40-140				
alpha-BHC	0.0205	0.00164	"	0.0332		61.6	40-140				
alpha-Chlordane	0.0197	0.00164	"	0.0332		59.4	40-140				
beta-BHC	0.0238	0.00164	"	0.0332		71.6	40-140				
delta-BHC	0.0169	0.00164	"	0.0332		51.0	40-140				
Dieldrin	0.0188	0.00164	"	0.0332		56.6	40-140				
Endosulfan I	0.0202	0.00164	"	0.0332		60.9	40-140				
Endosulfan II	0.0192	0.00164	"	0.0332		57.8	40-140				
Endosulfan sulfate	0.0154	0.00164	"	0.0332		46.3	40-140				
Endrin	0.0185	0.00164	"	0.0332		55.7	40-140				
Endrin aldehyde	0.0190	0.00164	"	0.0332		57.2	40-140				
Endrin ketone	0.0176	0.00164	"	0.0332		52.8	40-140				
gamma-BHC (Lindane)	0.0203	0.00164	"	0.0332		61.2	40-140				
gamma-Chlordane	0.0195	0.00164	"	0.0332		58.6	40-140				
Heptachlor	0.0191	0.00164	"	0.0332		57.6	40-140				
Heptachlor epoxide	0.0200	0.00164	"	0.0332		60.1	40-140				
Methoxychlor	0.0179	0.00164	"	0.0332		53.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0277*		*"*	*0.0664*		*41.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0409*		*"*	*0.0664*		*61.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41761 - EPA 3550C											
Blank (BJ41761-BLK2) Blank								Prepared & Analyzed: 10/25/2024			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0551*		*"*	*0.0664*		*83.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0319*		*"*	*0.0664*		*48.0*	*30-120*				
LCS (BJ41761-BS2) LCS								Prepared & Analyzed: 10/25/2024			
Aroclor 1016	0.309	0.0166	mg/kg wet	0.332		93.0	40-130				
Aroclor 1260	0.287	0.0166	"	0.332		86.4	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0551*		*"*	*0.0664*		*83.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0316*		*"*	*0.0664*		*47.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41546 - EPA 3550C/8151A											
Blank (BJ41546-BLK1) Blank									Prepared: 10/23/2024 Analyzed: 10/24/2024		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.457*		*"*	*0.417*		*110*	*21-150*				
LCS (BJ41546-BS1) LCS									Prepared: 10/23/2024 Analyzed: 10/24/2024		
2,4,5-T	0.0683	0.0200	mg/kg wet	0.0667		102	10-120				
2,4,5-TP (Silvex)	0.0667	0.0200	"	0.0667		100	10-120				
2,4-D	0.0700	0.0200	"	0.0667		105	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.426*		*"*	*0.417*		*102*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41708 - EPA 3050B											
Blank (BJ41708-BLK1) Blank									Prepared & Analyzed: 10/25/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BJ41708-SRM1) Reference									Prepared & Analyzed: 10/25/2024		
Aluminum	6590	4.17	mg/kg wet	7680		85.8	35.7-119				
Antimony	62.8	2.08	"	244		25.7	0-99.5				
Arsenic	224	1.25	"	283		79.1	69.9-101.4				
Barium	280	2.08	"	326		86.0	73.9-107.1				
Beryllium	147	0.042	"	175		84.0	75.4-107.4				
Cadmium	77.1	0.250	"	95.8		80.5	72.3-103.7				
Calcium	4970	4.17	"	5470		90.8	79.5-113.2				
Chromium	205	0.417	"	239		85.7	72.4-106.3				
Cobalt	133	0.333	"	150		88.7	76-107.3				
Copper	191	1.67	"	217		88.2	74.7-105.1				
Iron	6430	20.8	"	7360		87.4	53-127.9				
Lead	180	0.417	"	210		85.6	75.7-109.5				
Magnesium	1820	4.17	"	2080		87.7	67.3-111.1				
Manganese	249	0.417	"	290		85.9	73.4-108.3				
Nickel	290	0.830	"	329		88.2	74.5-106.7				
Potassium	2090	4.17	"	2330		89.8	60.9-111.6				
Selenium	240	2.08	"	281		85.4	77.6-116.7				
Silver	71.3	0.420	"	82.7		86.2	73.7-111.7				
Sodium	367	41.7	"	427		86.0	71.2-118.7				
Thallium	104	2.08	"	123		84.3	70.2-104.8				
Vanadium	162	0.830	"	192		84.6	68.8-107.8				
Zinc	226	2.08	"	260		86.9	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41666 - EPA 7473 soil											
Blank (BJ41666-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ41666-SRM1) Reference									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Mercury	16.539		mg/kg	18.2		90.9	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41520 - Analysis Preparation Soil												
Blank (BJ41520-BLK1)	Blank									Prepared & Analyzed: 10/23/2024		
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BJ41520-SRM1)	Reference									Prepared & Analyzed: 10/23/2024		
Cyanide, total		66.2		ug/mL	59.7		111	38.5-161.4				
Batch BJ41550 - EPA SW846-3060												
Blank (BJ41550-BLK1)	Blank									Prepared & Analyzed: 10/23/2024		
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Reference (BJ41550-SRM1)	Reference									Prepared & Analyzed: 10/23/2024		
Chromium, Hexavalent		205		mg/L	227		90.4	42.3-157.7				
Batch BJ41607 - Analysis Preparation Soil												
Blank (BJ41607-BLK1)	Blank									Prepared & Analyzed: 10/24/2024		
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BJ41607-DUP1)	Duplicate	*Source sample: 24J1471-04 (DUP_10222024)								Prepared & Analyzed: 10/24/2024		
Cyanide, total		ND	0.536	mg/kg dry		ND					15	
Matrix Spike (BJ41607-MS1)	Matrix Spike	*Source sample: 24J1471-04 (DUP_10222024)								Prepared & Analyzed: 10/24/2024		
Cyanide, total		5.70	0.536	mg/kg dry	5.36	ND	106	79.6-107				
Matrix Spike Dup (BJ41607-M	Matrix Spike Dup	*Source sample: 24J1471-04 (DUP_10222024)								Prepared & Analyzed: 10/24/2024		
Cyanide, total		5.60	0.536	mg/kg dry	5.36	ND	105	79.6-107		1.72	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41607 - Analysis Preparation Soil											
Reference (BJ41607-SRM1) Reference									Prepared & Analyzed: 10/24/2024		
Cyanide, total	55.0		ug/mL	59.7		92.1	38.5-161.4				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J1471-01	PE67_20.5	40mL Vial with Stir Bar-Cool 4° C
24J1471-02	PE68_20	40mL Vial with Stir Bar-Cool 4° C
24J1471-03	PE69_19.5	40mL Vial with Stir Bar-Cool 4° C
24J1471-04	DUP_10222024	40mL Vial with Stir Bar-Cool 4° C
24J1471-06	TB_10222024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24J1471

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany, NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kotb	Contact:
E-mail: lkotb@langan.com	E-mail:

YOUR Project Name / Number: 100688801 — 12096 Flatlands Avenue

PO Number:

Samples Collected From: NY X; NJ; CT; PA; Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp.
PE67-20.5	10/22	1200	S	3									1	X	X	X	X	X	X	X	X	X	
PE68-20		1205												X	X	X	X	X	X	X	X	X	
PE69-19.5		1210												X	X	X	X	X	X	X	X	X	
DUP-10222024		1215												X	X	X	X	X	X	X	X	X	
EB-10222024		1300	NO	2																	X		
TB-10222024	—	—	—		2									X									

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Field Filtered; Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Daniel Horvath / LANGAN	10/22 14:44	Afraz Habib	10/22/24 14:44	Afraz Habib	10/22/24 20:50
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	10/22/24 20:50 / 1.6 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/29/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J1567

Report Date: 10/29/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J1567

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 23, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J1567-01	PE74_19	Soil	10/23/2024	10/23/2024
24J1567-02	PE75_18	Soil	10/23/2024	10/23/2024
24J1567-03	EB_10232024	Water	10/23/2024	10/23/2024
24J1567-04	TB_10232024	Water	10/23/2024	10/23/2024

General Notes for York Project (SDG) No.: 24J1567

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 10/29/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0079**		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.042**	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	**Methyl acetate**	**0.0041**	J	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:17	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0950**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0482**	J, B	mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D	10/28/2024 08:38	10/29/2024 11:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*83.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*75.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*85.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*94.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/25/2024 08:43	10/28/2024 16:03	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.191	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 17:04	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0571	0.215	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 17:04	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.215	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 17:04	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.197	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 17:04	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.215	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 17:04	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.640	0.818	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.813	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.383	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:04	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.208	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:04	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0667	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:04	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:04	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.640	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.654	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.335	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.265	0.805	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:04	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:04	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.682	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:04	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.26	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:04	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.38	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:04	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.658	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:04	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:04	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.750	2.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:04	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.213	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:04	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*94.4 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*96.9 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*74.2 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*102 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*98.3 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*109 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*85.5 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*70.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*53.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*66.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*100 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*82.5 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*71.6 %*	*10-150*

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*91.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*84.2 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*88.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*86.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*40.6 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*36.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*90.8 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*38.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*48.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B	10/27/2024 07:52	10/28/2024 13:47	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*101 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:07	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*	*30-120*

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0215	1	EPA 8151A	10/26/2024 08:08	10/27/2024 16:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0215	1	EPA 8151A	10/26/2024 08:08	10/27/2024 16:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0215	1	EPA 8151A	10/26/2024 08:08	10/27/2024 16:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*66.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5610**		mg/kg dry	4.51	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.26	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.53**		mg/kg dry	1.35	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**13.8**		mg/kg dry	2.25	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.246**		mg/kg dry	0.045	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.271	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**925**		mg/kg dry	4.51	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.82**		mg/kg dry	0.452	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.91**		mg/kg dry	0.361	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**8.56**		mg/kg dry	1.81	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8550**		mg/kg dry	22.6	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.29**		mg/kg dry	0.452	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1530**		mg/kg dry	4.52	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**119**		mg/kg dry	0.452	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.4**		mg/kg dry	0.899	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**526**		mg/kg dry	4.52	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.455	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**71.1**		mg/kg dry	45.1	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.26	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**11.9**		mg/kg dry	0.899	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**12.8**		mg/kg dry	2.25	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0325	1	EPA 7473	10/26/2024 08:13	10/29/2024 15:38	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.541	1	EPA 7196A	10/24/2024 14:45	10/25/2024 00:26	SHS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE74_19 **York Sample ID:** 24J1567-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:00 pm	10/23/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**9.82**		mg/kg	0.500	1	Calculation	10/29/2024 11:14	10/29/2024 11:17	VR
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.541	1	EPA 9014/9010C	10/24/2024 14:39	10/25/2024 21:20	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**92.3**		%	0.100	1	SM 2540G	10/25/2024 12:21	10/25/2024 15:25	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.11	0.22	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.031**		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.13**	ICVE	mg/kg dry	0.011	0.022	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.011	0.022	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.011	0.022	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.011	0.022	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.017	0.033	1	EPA 8260C	10/24/2024 09:41	10/25/2024 18:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0943	0.188	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0943	0.188	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0943	0.188	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0943	0.188	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0943	0.188	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0943	0.188	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0943	0.188	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0943	0.188	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.121**		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0943	0.188	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0633**	J	mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0588**	J	mg/kg dry	0.0473	0.0943	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	10/28/2024 08:18	10/28/2024 18:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*66.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	10/25/2024 08:43	10/28/2024 16:20	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*108 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.199	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 17:20	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0594	0.224	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 17:20	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.224	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 17:20	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.201	0.205	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 17:20	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.224	1	EPA 1633 Draft 3	10/24/2024 13:22	10/25/2024 17:20	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.183	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.218	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.449	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.164	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.667	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.847	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.897	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.399	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:20	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.449	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:20	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0695	0.449	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:20	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.449	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:20	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.667	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.682	0.897	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.349	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.276	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.190	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:20	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/24/2024 13:22	10/25/2024 17:20	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.711	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:20	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.35	5.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:20	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:20	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.685	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:20	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:20	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.782	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:20	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/24/2024 13:22	10/25/2024 17:20	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*84.4 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*94.5 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*73.3 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*80.8 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*94.0 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*107 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*87.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*73.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*10.0 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.0 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*77.0 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*70.7 %*		*10-150*

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.9 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*84.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*93.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*88.5 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*104 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*39.5 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*33.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*85.9 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*41.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*50.2 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.188	5	EPA 8081B	10/27/2024 07:52	10/28/2024 14:04	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A	10/27/2024 07:52	10/28/2024 20:20	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-120*

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0227	1	EPA 8151A	10/26/2024 08:08	10/27/2024 16:08	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0227	1	EPA 8151A	10/26/2024 08:08	10/27/2024 16:08	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0227	1	EPA 8151A	10/26/2024 08:08	10/27/2024 16:08	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*50.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5080**		mg/kg dry	4.76	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.38	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.37**		mg/kg dry	1.43	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**149**		mg/kg dry	2.38	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.297**		mg/kg dry	0.048	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.285	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2900**		mg/kg dry	4.76	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**11.6**		mg/kg dry	0.476	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.15**		mg/kg dry	0.380	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**27.8**		mg/kg dry	1.90	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**15500**		mg/kg dry	23.8	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**173**		mg/kg dry	0.476	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1320**		mg/kg dry	4.76	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**128**		mg/kg dry	0.476	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.5**		mg/kg dry	0.948	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**536**		mg/kg dry	4.76	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.480	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**119**		mg/kg dry	47.6	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.38	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.1**		mg/kg dry	0.948	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**115**		mg/kg dry	2.37	1	EPA 6010D	10/27/2024 10:30	10/28/2024 16:04	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.279**		mg/kg dry	0.0343	1	EPA 7473	10/26/2024 08:13	10/29/2024 15:38	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.571	1	EPA 7196A	10/24/2024 14:45	10/25/2024 00:26	SHS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE75_18 **York Sample ID:** 24J1567-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Soil	October 23, 2024 1:15 pm	10/23/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**11.6**		mg/kg	0.500	1	Calculation	10/29/2024 11:14	10/29/2024 11:17	VR
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.571	1	EPA 9014/9010C	10/24/2024 14:39	10/25/2024 21:20	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**87.6**		%	0.100	1	SM 2540G	10/25/2024 12:21	10/25/2024 15:25	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: EB_10232024 **York Sample ID:** 24J1567-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Water	October 23, 2024 2:00 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**0.788**	J	ng/L	0.445	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.331	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.672	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.644	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.398	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.777	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.492	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.710	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.833	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.701	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.653	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.748	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.975	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.218	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.833	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.862	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.25	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.00	7.20	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.94	7.27	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.312	7.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM

Sample Information

Client Sample ID: EB_10232024 **York Sample ID:** 24J1567-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Water	October 23, 2024 2:00 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.473	3.37	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/27/2024 12:08	10/28/2024 19:47	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.03	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/27/2024 12:08	10/28/2024 19:47	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.237	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/27/2024 12:08	10/28/2024 19:47	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.350	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/27/2024 12:08	10/28/2024 19:47	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.720	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.70	7.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.06	7.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.31	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.663	7.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
919005-14-4	ADONA	ND		ng/L	0.502	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.881	1.84	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:47	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.814	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/27/2024 12:08	10/28/2024 19:47	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.92	4.73	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:47	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.94	23.7	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:47	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.97	23.7	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:47	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.78	18.9	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:47	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.50	1.89	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:47	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.78	18.9	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:47	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.70	1.89	1	EPA 1633 Draft 3 Certifications:	10/27/2024 12:08	10/28/2024 19:47	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*134 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*141 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*121 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*134 %*	*25-150*

Sample Information

Client Sample ID: EB_10232024 **York Sample ID:** 24J1567-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Water	October 23, 2024 2:00 pm	10/23/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*152 %*	PFSu-H		*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*177 %*	PFSu-H		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*128 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*112 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*86.4 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*9.95 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*136 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*119 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*136 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*133 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*56.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*86.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*46.6 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*102 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*85.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*144 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*135 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*166 %*	PFSu-H		*25-150*						

Sample Information

Client Sample ID: TB_10232024 **York Sample ID:** 24J1567-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Water	October 23, 2024 2:00 pm	10/23/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10232024 **York Sample ID:** 24J1567-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Water	October 23, 2024 2:00 pm	10/23/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10232024 **York Sample ID:** 24J1567-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Water	October 23, 2024 2:00 pm	10/23/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10232024 **York Sample ID:** 24J1567-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1567	100688801	Water	October 23, 2024 2:00 pm	10/23/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/24/2024 12:00	10/24/2024 19:18	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.2 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*88.0 %*	*70-130*

Analytical Batch Summary

Batch ID: BJ41660 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-01	PE74_19	10/24/24
24J1567-02	PE75_18	10/24/24
BJ41660-BLK1	Blank	10/24/24
BJ41660-BS1	LCS	10/24/24
BJ41660-BS2	LCS	10/24/24
BJ41660-MS1	Matrix Spike	10/24/24
BJ41660-MSD1	Matrix Spike Dup	10/24/24

Batch ID: BJ41671 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-01	PE74_19	10/24/24
24J1567-02	PE75_18	10/24/24
BJ41671-BLK1	Blank	10/24/24
BJ41671-DUP1	Duplicate	10/24/24
BJ41671-MS1	Matrix Spike	10/24/24
BJ41671-MSD1	Matrix Spike Dup	10/24/24
BJ41671-SRM1	Reference	10/24/24

Batch ID: BJ41676 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-01	PE74_19	10/24/24
24J1567-02	PE75_18	10/24/24
BJ41676-BLK1	Blank	10/24/24
BJ41676-DUP1	Duplicate	10/24/24
BJ41676-MS1	Matrix Spike	10/24/24
BJ41676-MSD1	Matrix Spike Dup	10/24/24
BJ41676-SRM1	Reference	10/24/24

Batch ID: BJ41736 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-01	PE74_19	10/25/24
24J1567-02	PE75_18	10/25/24
BJ41736-BLK1	Blank	10/25/24
BJ41736-BS1	LCS	10/25/24
BJ41736-MS1	Matrix Spike	10/25/24
BJ41736-MSD1	Matrix Spike Dup	10/25/24

Batch ID: BJ41760 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date

24J1567-01	PE74_19	10/25/24
24J1567-02	PE75_18	10/25/24
BJ41760-DUP1	Duplicate	10/25/24

Batch ID: BJ41796 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-01	PE74_19	10/26/24
24J1567-02	PE75_18	10/26/24
BJ41796-BLK1	Blank	10/26/24
BJ41796-BS1	LCS	10/26/24
BJ41796-MS1	Matrix Spike	10/26/24
BJ41796-MSD1	Matrix Spike Dup	10/26/24

Batch ID: BJ41797 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-01	PE74_19	10/26/24
24J1567-02	PE75_18	10/26/24
BJ41797-BLK1	Blank	10/26/24
BJ41797-DUP1	Duplicate	10/26/24
BJ41797-MS1	Matrix Spike	10/26/24
BJ41797-SRM1	Reference	10/26/24

Batch ID: BJ41812 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-01	PE74_19	10/27/24
24J1567-01	PE74_19	10/27/24
24J1567-02	PE75_18	10/27/24
24J1567-02	PE75_18	10/27/24
BJ41812-BLK1	Blank	10/27/24
BJ41812-BLK2	Blank	10/27/24
BJ41812-BS1	LCS	10/27/24
BJ41812-BS2	LCS	10/27/24
BJ41812-MS1	Matrix Spike	10/27/24
BJ41812-MS2	Matrix Spike	10/27/24
BJ41812-MSD1	Matrix Spike Dup	10/27/24
BJ41812-MSD2	Matrix Spike Dup	10/27/24

Batch ID: BJ41824 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-01	PE74_19	10/27/24
24J1567-02	PE75_18	10/27/24
BJ41824-BLK1	Blank	10/27/24
BJ41824-DUP1	Duplicate	10/27/24
BJ41824-MS1	Matrix Spike	10/27/24
BJ41824-PS1	Post Spike	10/27/24

BJ41824-SRM1	Reference	10/27/24

Batch ID: BJ41825 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-03	EB_10232024	10/27/24
BJ41825-BLK1	Blank	10/27/24
BJ41825-BS1	LCS	10/27/24
BJ41825-BS2	LCS	10/27/24

Batch ID: BJ41847 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-02	PE75_18	10/28/24
BJ41847-BLK1	Blank	10/28/24
BJ41847-BS1	LCS	10/28/24
BJ41847-MS1	Matrix Spike	10/28/24
BJ41847-MSD1	Matrix Spike Dup	10/28/24

Batch ID: BJ41859 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-01	PE74_19	10/28/24
BJ41859-BLK1	Blank	10/28/24
BJ41859-BS1	LCS	10/28/24

Batch ID: BJ41916 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-01	PE74_19	10/24/24
24J1567-02	PE75_18	10/24/24
BJ41916-BLK1	Blank	10/24/24
BJ41916-BS1	LCS	10/24/24
BJ41916-BSD1	LCS Dup	10/24/24
BJ41916-MS1	Matrix Spike	10/24/24
BJ41916-MSD1	Matrix Spike Dup	10/24/24

Batch ID: BJ41917 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-04	TB_10232024	10/24/24
BJ41917-BLK1	Blank	10/24/24
BJ41917-BS1	LCS	10/24/24
BJ41917-BSD1	LCS Dup	10/24/24

Batch ID: BJ41981 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
24J1567-01	PE74_19	10/29/24
24J1567-02	PE75_18	10/29/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
Blank (BJ41916-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
Blank (BJ41916-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*56.4*		*ug/L*	*50.0*		*113*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				
LCS (BJ41916-BS1) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
1,1,1,2-Tetrachloroethane	47.9		ug/L	50.0		95.9	75-129			30	
1,1,1-Trichloroethane	46.6		"	50.0		93.2	70-130			30	
1,1,2,2-Tetrachloroethane	51.4		"	50.0		103	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.2		"	50.0		94.4	70-130			30	
1,1,2-Trichloroethane	46.1		"	50.0		92.2	70-130			30	
1,1-Dichloroethane	47.0		"	50.0		94.0	70-130			30	
1,1-Dichloroethylene	50.3		"	50.0		101	70-130			30	
1,1-Dichloropropylene	49.0		"	50.0		98.0	77-127			30	
1,2,3-Trichlorobenzene	51.8		"	50.0		104	70-130			30	
1,2,3-Trichloropropane	50.1		"	50.0		100	81-126			30	
1,2,4-Trichlorobenzene	53.6		"	50.0		107	70-130			30	
1,2,4-Trimethylbenzene	50.8		"	50.0		102	84-125			30	
1,2-Dibromo-3-chloropropane	53.1		"	50.0		106	40-160			30	
1,2-Dibromoethane	47.8		"	50.0		95.7	70-130			30	
1,2-Dichlorobenzene	49.0		"	50.0		97.9	70-130			30	
1,2-Dichloroethane	49.1		"	50.0		98.2	70-130			30	
1,2-Dichloropropane	47.5		"	50.0		95.0	70-130			30	
1,3,5-Trimethylbenzene	50.1		"	50.0		100	82-126			30	
1,3-Dichlorobenzene	48.7		"	50.0		97.3	70-130			30	
1,3-Dichloropropane	47.8		"	50.0		95.7	83-123			30	
1,4-Dichlorobenzene	48.4		"	50.0		96.9	70-130			30	
1,4-Dioxane	865		"	1050		82.4	40-160			30	
2,2-Dichloropropane	56.7		"	50.0		113	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
LCS (BJ41916-BS1) LCS								Prepared: 10/24/2024 Analyzed: 10/25/2024			
2-Butanone	47.5		ug/L	50.0		95.0	40-160			30	
2-Chlorotoluene	49.4		"	50.0		98.9	78-127			30	
2-Hexanone	50.2		"	50.0		100	40-160			30	
4-Chlorotoluene	50.4		"	50.0		101	79-125			30	
4-Methyl-2-pentanone	37.8		"	50.0		75.6	40-160			30	
Acetone	30.7		"	50.0		61.4	40-160			30	
Acrolein	2.66		"	50.0		5.32	10-238	Low Bias		30	
Acrylonitrile	52.3		"	50.0		105	66-141			30	
Benzene	48.8		"	50.0		97.5	70-130			30	
Bromobenzene	51.1		"	50.0		102	77-129			30	
Bromochloromethane	49.9		"	50.0		99.9	70-130			30	
Bromodichloromethane	47.3		"	50.0		94.6	70-130			30	
Bromoform	47.2		"	50.0		94.5	70-130			30	
Bromomethane	29.2		"	50.0		58.4	40-160			30	
Carbon disulfide	48.4		"	50.0		96.7	40-160			30	
Carbon tetrachloride	48.4		"	50.0		96.7	70-130			30	
Chlorobenzene	47.0		"	50.0		93.9	70-130			30	
Chloroethane	43.0		"	50.0		86.0	51-142			30	
Chloroform	47.0		"	50.0		94.0	70-130			30	
Chloromethane	46.8		"	50.0		93.6	49-132			30	
cis-1,2-Dichloroethylene	49.0		"	50.0		98.0	70-130			30	
cis-1,3-Dichloropropylene	49.7		"	50.0		99.5	70-130			30	
Cyclohexane	49.0		"	50.0		98.1	70-130			30	
Dibromochloromethane	48.8		"	50.0		97.6	70-130			30	
Dibromomethane	44.6		"	50.0		89.2	83-124			30	
Dichlorodifluoromethane	31.5		"	50.0		63.0	40-160			30	
Ethyl Benzene	48.5		"	50.0		96.9	70-130			30	
Hexachlorobutadiene	52.7		"	50.0		105	83-133			30	
Isopropylbenzene	50.8		"	50.0		102	70-130			30	
Methyl acetate	46.8		"	50.0		93.6	70-130			30	
Methyl tert-butyl ether (MTBE)	51.2		"	50.0		102	70-130			30	
Methylcyclohexane	44.0		"	50.0		88.0	70-130			30	
Methylene chloride	47.4		"	50.0		94.8	70-130			30	
n-Butylbenzene	52.2		"	50.0		104	80-130			30	
n-Propylbenzene	50.7		"	50.0		101	74-136			30	
o-Xylene	47.6		"	50.0		95.1	70-130			30	
p- & m- Xylenes	94.5		"	100		94.5	70-130			30	
p-Isopropyltoluene	52.5		"	50.0		105	85-125			30	
sec-Butylbenzene	51.0		"	50.0		102	83-125			30	
Styrene	49.7		"	50.0		99.4	70-130			30	
tert-Butyl alcohol (TBA)	280		"	250		112	70-130			30	
tert-Butylbenzene	44.2		"	50.0		88.4	80-127			30	
Tetrachloroethylene	41.9		"	50.0		83.8	70-130			30	
Toluene	46.6		"	50.0		93.2	70-130			30	
trans-1,2-Dichloroethylene	49.0		"	50.0		98.1	70-130			30	
trans-1,3-Dichloropropylene	52.9		"	50.0		106	70-130			30	
Trichloroethylene	45.7		"	50.0		91.3	70-130			30	
Trichlorofluoromethane	45.7		"	50.0		91.3	40-160			30	
Vinyl Chloride	46.8		"	50.0		93.6	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
LCS (BJ41916-BS1) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*ug/L*	*50.0*		*104*	*76-130*				
LCS Dup (BJ41916-BSD1) LCS Dup									Prepared: 10/24/2024 Analyzed: 10/25/2024		
1,1,1,2-Tetrachloroethane	56.8		ug/L	50.0		114	75-129		16.9	30	
1,1,1-Trichloroethane	48.0		"	50.0		96.0	70-130		2.94	30	
1,1,2,2-Tetrachloroethane	47.2		"	50.0		94.4	70-130		8.64	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.9		"	50.0		93.7	70-130		0.659	30	
1,1,2-Trichloroethane	49.6		"	50.0		99.1	70-130		7.26	30	
1,1-Dichloroethane	47.8		"	50.0		95.5	70-130		1.67	30	
1,1-Dichloroethylene	50.9		"	50.0		102	70-130		1.17	30	
1,1-Dichloropropylene	49.7		"	50.0		99.5	77-127		1.52	30	
1,2,3-Trichlorobenzene	56.6		"	50.0		113	70-130		8.82	30	
1,2,3-Trichloropropane	53.3		"	50.0		107	81-126		6.09	30	
1,2,4-Trichlorobenzene	58.7		"	50.0		117	70-130		9.10	30	
1,2,4-Trimethylbenzene	52.2		"	50.0		104	84-125		2.64	30	
1,2-Dibromo-3-chloropropane	56.1		"	50.0		112	40-160		5.58	30	
1,2-Dibromoethane	51.5		"	50.0		103	70-130		7.45	30	
1,2-Dichlorobenzene	50.3		"	50.0		101	70-130		2.62	30	
1,2-Dichloroethane	49.8		"	50.0		99.7	70-130		1.54	30	
1,2-Dichloropropane	55.3		"	50.0		111	70-130		15.1	30	
1,3,5-Trimethylbenzene	49.7		"	50.0		99.4	82-126		0.742	30	
1,3-Dichlorobenzene	49.4		"	50.0		98.8	70-130		1.49	30	
1,3-Dichloropropane	48.6		"	50.0		97.2	83-123		1.53	30	
1,4-Dichlorobenzene	49.5		"	50.0		99.0	70-130		2.19	30	
1,4-Dioxane	1020		"	1050		97.4	40-160		16.7	30	
2,2-Dichloropropane	57.9		"	50.0		116	67-136		2.23	30	
2-Butanone	47.8		"	50.0		95.5	40-160		0.504	30	
2-Chlorotoluene	49.0		"	50.0		98.0	78-127		0.894	30	
2-Hexanone	46.2		"	50.0		92.4	40-160		8.24	30	
4-Chlorotoluene	50.1		"	50.0		100	79-125		0.558	30	
4-Methyl-2-pentanone	43.9		"	50.0		87.8	40-160		14.9	30	
Acetone	31.0		"	50.0		61.9	40-160		0.876	30	
Acrolein	2.87		"	50.0		5.74	10-238	Low Bias	7.59	30	
Acrylonitrile	54.7		"	50.0		109	66-141		4.56	30	
Benzene	49.4		"	50.0		98.7	70-130		1.22	30	
Bromobenzene	49.3		"	50.0		98.5	77-129		3.63	30	
Bromochloromethane	51.2		"	50.0		102	70-130		2.41	30	
Bromodichloromethane	54.3		"	50.0		109	70-130		13.8	30	
Bromoform	59.4		"	50.0		119	70-130		22.8	30	
Bromomethane	30.6		"	50.0		61.2	40-160		4.71	30	
Carbon disulfide	48.7		"	50.0		97.4	40-160		0.762	30	
Carbon tetrachloride	49.1		"	50.0		98.3	70-130		1.58	30	
Chlorobenzene	48.5		"	50.0		96.9	70-130		3.17	30	
Chloroethane	45.6		"	50.0		91.3	51-142		6.03	30	
Chloroform	47.8		"	50.0		95.5	70-130		1.62	30	
Chloromethane	48.8		"	50.0		97.6	49-132		4.20	30	
cis-1,2-Dichloroethylene	50.4		"	50.0		101	70-130		2.84	30	
cis-1,3-Dichloropropylene	57.1		"	50.0		114	70-130		13.8	30	
Cyclohexane	49.8		"	50.0		99.5	70-130		1.48	30	
Dibromochloromethane	57.5		"	50.0		115	70-130		16.4	30	
Dibromomethane	51.3		"	50.0		103	83-124		13.9	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
LCS Dup (BJ41916-BSD1) LCS Dup									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Dichlorodifluoromethane	31.2		ug/L	50.0		62.5	40-160		0.861	30	
Ethyl Benzene	51.4		"	50.0		103	70-130		5.77	30	
Hexachlorobutadiene	64.4		"	50.0		129	83-133		20.1	30	
Isopropylbenzene	51.1		"	50.0		102	70-130		0.471	30	
Methyl acetate	48.6		"	50.0		97.2	70-130		3.77	30	
Methyl tert-butyl ether (MTBE)	53.5		"	50.0		107	70-130		4.41	30	
Methylcyclohexane	50.7		"	50.0		101	70-130		14.2	30	
Methylene chloride	48.4		"	50.0		96.8	70-130		2.09	30	
n-Butylbenzene	50.8		"	50.0		102	80-130		2.68	30	
n-Propylbenzene	48.7		"	50.0		97.3	74-136		4.15	30	
o-Xylene	51.6		"	50.0		103	70-130		8.21	30	
p- & m- Xylenes	101		"	100		101	70-130		6.65	30	
p-Isopropyltoluene	54.4		"	50.0		109	85-125		3.52	30	
sec-Butylbenzene	50.8		"	50.0		102	83-125		0.530	30	
Styrene	50.9		"	50.0		102	70-130		2.37	30	
tert-Butyl alcohol (TBA)	302		"	250		121	70-130		7.68	30	
tert-Butylbenzene	45.8		"	50.0		91.6	80-127		3.49	30	
Tetrachloroethylene	48.8		"	50.0		97.5	70-130		15.2	30	
Toluene	47.9		"	50.0		95.9	70-130		2.77	30	
trans-1,2-Dichloroethylene	49.9		"	50.0		99.7	70-130		1.68	30	
trans-1,3-Dichloropropylene	57.7		"	50.0		115	70-130		8.71	30	
Trichloroethylene	53.0		"	50.0		106	70-130		14.9	30	
Trichlorofluoromethane	45.0		"	50.0		89.9	40-160		1.59	30	
Vinyl Chloride	47.9		"	50.0		95.7	70-130		2.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.8*		*"*	*50.0*		*110*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
Matrix Spike (BJ41916-MS1) Matrix Spike	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
1,1,1,2-Tetrachloroethane	36.0		ug/L	50.0	0.00	72.0	15-161			33	
1,1,1-Trichloroethane	38.6		"	50.0	0.00	77.2	70-130			30	
1,1,2,2-Tetrachloroethane	33.2		"	50.0	0.00	66.5	70-130	Low Bias		30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	37.5		"	50.0	0.00	75.1	70-130			30	
1,1,2-Trichloroethane	37.8		"	50.0	0.00	75.6	70-130			30	
1,1-Dichloroethane	40.4		"	50.0	0.00	80.8	70-130			30	
1,1-Dichloroethylene	43.1		"	50.0	0.00	86.3	70-130			30	
1,1-Dichloropropylene	38.4		"	50.0	0.00	76.7	40-133			28	
1,2,3-Trichlorobenzene	14.4		"	50.0	0.00	28.8	70-130	Low Bias		30	
1,2,3-Trichloropropane	33.8		"	50.0	0.00	67.5	38-155			48	
1,2,4-Trichlorobenzene	15.3		"	50.0	0.00	30.5	70-130	Low Bias		30	
1,2,4-Trimethylbenzene	27.3		"	50.0	0.00	54.6	10-170			242	
1,2-Dibromo-3-chloropropane	28.4		"	50.0	0.00	56.7	40-160			30	
1,2-Dibromoethane	34.4		"	50.0	0.00	68.7	70-130	Low Bias		30	
1,2-Dichlorobenzene	23.1		"	50.0	0.00	46.2	70-130	Low Bias		30	
1,2-Dichloroethane	39.9		"	50.0	0.00	79.9	70-130			30	
1,2-Dichloropropane	38.6		"	50.0	0.00	77.2	70-130			30	
1,3,5-Trimethylbenzene	27.1		"	50.0	0.00	54.3	10-150			62	
1,3-Dichlorobenzene	24.2		"	50.0	0.00	48.4	70-130	Low Bias		30	
1,3-Dichloropropane	37.9		"	50.0	0.00	75.9	43-142			36	
1,4-Dichlorobenzene	22.6		"	50.0	0.00	45.1	70-130	Low Bias		30	
1,4-Dioxane	883		"	1050	0.00	84.1	40-160			30	
2,2-Dichloropropane	44.2		"	50.0	0.00	88.4	38-130			31	
2-Butanone	48.4		"	50.0	26.9	42.9	40-160			30	
2-Chlorotoluene	27.5		"	50.0	0.00	54.9	14-144			49	
2-Hexanone	40.9		"	50.0	0.00	81.8	40-160			30	
4-Chlorotoluene	26.5		"	50.0	0.00	53.0	15-138			39	
4-Methyl-2-pentanone	29.7		"	50.0	0.00	59.3	40-160			30	
Acetone	59.0		"	50.0	115	NR	40-160	Low Bias		30	
Acrolein	1.06		"	50.0	0.00	2.12	10-192	Low Bias		128	
Acrylonitrile	39.3		"	50.0	0.00	78.5	13-161			48	
Benzene	39.5		"	50.0	0.00	78.9	70-130			30	
Bromobenzene	27.9		"	50.0	0.00	55.8	23-142			44	
Bromochloromethane	39.3		"	50.0	0.00	78.6	70-130			30	
Bromodichloromethane	38.3		"	50.0	0.00	76.6	70-130			30	
Bromoform	30.5		"	50.0	0.00	61.0	70-130	Low Bias		30	
Bromomethane	26.0		"	50.0	0.00	52.0	40-160			30	
Carbon disulfide	35.0		"	50.0	3.72	62.5	40-160			30	
Carbon tetrachloride	36.8		"	50.0	0.00	73.7	70-130			30	
Chlorobenzene	30.2		"	50.0	0.00	60.4	70-130	Low Bias		30	
Chloroethane	38.5		"	50.0	0.00	76.9	40-160			30	
Chloroform	39.0		"	50.0	0.00	78.0	70-130			30	
Chloromethane	41.0		"	50.0	0.00	82.1	40-160			30	
cis-1,2-Dichloroethylene	38.2		"	50.0	0.00	76.3	70-130			30	
cis-1,3-Dichloropropylene	30.0		"	50.0	0.00	60.0	70-130	Low Bias		30	
Cyclohexane	34.8		"	50.0	0.00	69.5	70-130	Low Bias		30	
Dibromochloromethane	34.9		"	50.0	0.00	69.8	70-130	Low Bias		30	
Dibromomethane	35.0		"	50.0	0.00	70.0	47-143			41	
Dichlorodifluoromethane	26.2		"	50.0	0.00	52.5	40-160			30	
Ethyl Benzene	34.8		"	50.0	0.00	69.6	70-130	Low Bias		30	
Hexachlorobutadiene	13.1		"	50.0	0.00	26.3	10-158			45	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
Matrix Spike (BJ41916-MS1) Matrix Spike	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
Isopropylbenzene	30.9		ug/L	50.0	0.00	61.8	70-130	Low Bias		30	
Methyl acetate	52.1		"	50.0	4.57	95.1	70-130			30	
Methyl tert-butyl ether (MTBE)	44.7		"	50.0	0.00	89.5	70-130			30	
Methylcyclohexane	25.2		"	50.0	0.00	50.4	70-130	Low Bias		30	
Methylene chloride	42.4		"	50.0	0.00	84.8	70-130			30	
n-Butylbenzene	21.1		"	50.0	0.00	42.1	10-162			96	
n-Propylbenzene	27.8		"	50.0	0.00	55.6	10-155			56	
o-Xylene	32.6		"	50.0	0.00	65.2	70-130	Low Bias		30	
p- & m- Xylenes	66.4		"	100	0.00	66.4	70-130	Low Bias		30	
p-Isopropyltoluene	25.6		"	50.0	0.00	51.2	10-147			60	
sec-Butylbenzene	25.0		"	50.0	0.00	50.0	10-157			56	
Styrene	29.6		"	50.0	0.00	59.2	70-130	Low Bias		30	
tert-Butyl alcohol (TBA)	232		"	250	0.00	92.9	34-179			35	
tert-Butylbenzene	23.5		"	50.0	0.00	47.1	10-160			79	
Tetrachloroethylene	30.3		"	50.0	0.00	60.5	70-130	Low Bias		30	
Toluene	36.7		"	50.0	0.00	73.4	70-130			30	
trans-1,2-Dichloroethylene	37.0		"	50.0	0.00	74.0	70-130			30	
trans-1,3-Dichloropropylene	30.5		"	50.0	0.00	61.1	70-130	Low Bias		30	
Trichloroethylene	37.0		"	50.0	0.00	74.1	70-130			30	
Trichlorofluoromethane	39.4		"	50.0	0.00	78.9	40-160			30	
Vinyl Chloride	40.1		"	50.0	0.00	80.2	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.0*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.1*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.1*		*"*	*50.0*		*102*	*76-130*				
Matrix Spike Dup (BJ41916-M Matrix Spike Dup	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
1,1,1,2-Tetrachloroethane	35.4		ug/L	50.0	0.00	70.9	15-161		1.51	33	
1,1,1-Trichloroethane	39.2		"	50.0	0.00	78.4	70-130		1.47	30	
1,1,2,2-Tetrachloroethane	37.4		"	50.0	0.00	74.7	70-130		11.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39.1		"	50.0	0.00	78.2	70-130		4.10	30	
1,1,2-Trichloroethane	36.8		"	50.0	0.00	73.7	70-130		2.49	30	
1,1-Dichloroethane	39.9		"	50.0	0.00	79.8	70-130		1.32	30	
1,1-Dichloroethylene	42.9		"	50.0	0.00	85.8	70-130		0.488	30	
1,1-Dichloropropylene	39.6		"	50.0	0.00	79.1	40-133		3.08	28	
1,2,3-Trichlorobenzene	15.6		"	50.0	0.00	31.3	70-130	Low Bias	8.12	30	
1,2,3-Trichloropropane	37.7		"	50.0	0.00	75.5	38-155		11.1	48	
1,2,4-Trichlorobenzene	16.4		"	50.0	0.00	32.9	70-130	Low Bias	7.44	30	
1,2,4-Trimethylbenzene	28.9		"	50.0	0.00	57.7	10-170		5.66	242	
1,2-Dibromo-3-chloropropane	32.7		"	50.0	0.00	65.5	40-160		14.3	30	
1,2-Dibromoethane	34.0		"	50.0	0.00	68.1	70-130	Low Bias	0.907	30	
1,2-Dichlorobenzene	25.3		"	50.0	0.00	50.6	70-130	Low Bias	9.17	30	
1,2-Dichloroethane	38.7		"	50.0	0.00	77.4	70-130		3.21	30	
1,2-Dichloropropane	34.3		"	50.0	0.00	68.6	70-130	Low Bias	11.9	30	
1,3,5-Trimethylbenzene	29.8		"	50.0	0.00	59.6	10-150		9.31	62	
1,3-Dichlorobenzene	25.7		"	50.0	0.00	51.4	70-130	Low Bias	6.05	30	
1,3-Dichloropropane	37.6		"	50.0	0.00	75.1	43-142		0.980	36	
1,4-Dichlorobenzene	24.8		"	50.0	0.00	49.5	70-130	Low Bias	9.21	30	
1,4-Dioxane	847		"	1050	0.00	80.7	40-160		4.18	30	
2,2-Dichloropropane	46.4		"	50.0	0.00	92.7	38-130		4.75	31	
2-Butanone	52.0		"	50.0	26.9	50.2	40-160		7.29	30	
2-Chlorotoluene	30.5		"	50.0	0.00	61.0	14-144		10.4	49	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41916 - EPA 5035A											
Matrix Spike Dup (BJ41916-M Matrix Spike Dup	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
2-Hexanone	41.8		ug/L	50.0	0.00	83.7	40-160		2.30	30	
4-Chlorotoluene	29.4		"	50.0	0.00	58.8	15-138		10.5	39	
4-Methyl-2-pentanone	32.6		"	50.0	0.00	65.1	40-160		9.35	30	
Acetone	70.8		"	50.0	115	NR	40-160	Low Bias	18.2	30	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias	200	128	Non-dir.
Acrylonitrile	39.9		"	50.0	0.00	79.9	13-161		1.72	48	
Benzene	39.8		"	50.0	0.00	79.6	70-130		0.807	30	
Bromobenzene	30.9		"	50.0	0.00	61.9	23-142		10.3	44	
Bromochloromethane	38.9		"	50.0	0.00	77.9	70-130		0.895	30	
Bromodichloromethane	38.1		"	50.0	0.00	76.1	70-130		0.550	30	
Bromoform	34.3		"	50.0	0.00	68.5	70-130	Low Bias	11.6	30	
Bromomethane	27.5		"	50.0	0.00	55.0	40-160		5.65	30	
Carbon disulfide	35.2		"	50.0	3.72	62.9	40-160		0.513	30	
Carbon tetrachloride	38.0		"	50.0	0.00	76.0	70-130		3.02	30	
Chlorobenzene	32.9		"	50.0	0.00	65.8	70-130	Low Bias	8.62	30	
Chloroethane	39.2		"	50.0	0.00	78.5	40-160		1.98	30	
Chloroform	38.9		"	50.0	0.00	77.8	70-130		0.231	30	
Chloromethane	39.6		"	50.0	0.00	79.1	40-160		3.67	30	
cis-1,2-Dichloroethylene	38.7		"	50.0	0.00	77.3	70-130		1.30	30	
cis-1,3-Dichloropropylene	30.4		"	50.0	0.00	60.7	70-130	Low Bias	1.23	30	
Cyclohexane	36.4		"	50.0	0.00	72.7	70-130		4.47	30	
Dibromochloromethane	34.2		"	50.0	0.00	68.4	70-130	Low Bias	2.08	30	
Dibromomethane	33.3		"	50.0	0.00	66.5	47-143		5.07	41	
Dichlorodifluoromethane	25.7		"	50.0	0.00	51.4	40-160		2.08	30	
Ethyl Benzene	35.6		"	50.0	0.00	71.2	70-130		2.27	30	
Hexachlorobutadiene	14.3		"	50.0	0.00	28.6	10-158		8.32	45	
Isopropylbenzene	33.6		"	50.0	0.00	67.2	70-130	Low Bias	8.31	30	
Methyl acetate	56.6		"	50.0	4.57	104	70-130		8.26	30	
Methyl tert-butyl ether (MTBE)	44.6		"	50.0	0.00	89.2	70-130		0.246	30	
Methylcyclohexane	25.1		"	50.0	0.00	50.2	70-130	Low Bias	0.358	30	
Methylene chloride	40.8		"	50.0	0.00	81.7	70-130		3.82	30	
n-Butylbenzene	22.8		"	50.0	0.00	45.5	10-162		7.80	96	
n-Propylbenzene	30.4		"	50.0	0.00	60.8	10-155		8.87	56	
o-Xylene	35.0		"	50.0	0.00	70.0	70-130		7.07	30	
p- & m- Xylenes	67.8		"	100	0.00	67.8	70-130	Low Bias	2.06	30	
p-Isopropyltoluene	27.2		"	50.0	0.00	54.4	10-147		5.91	60	
sec-Butylbenzene	26.2		"	50.0	0.00	52.5	10-157		4.72	56	
Styrene	31.3		"	50.0	0.00	62.5	70-130	Low Bias	5.45	30	
tert-Butyl alcohol (TBA)	240		"	250	0.00	96.2	34-179		3.45	35	
tert-Butylbenzene	24.8		"	50.0	0.00	49.5	10-160		5.09	79	
Tetrachloroethylene	29.9		"	50.0	0.00	59.7	70-130	Low Bias	1.36	30	
Toluene	37.6		"	50.0	0.00	75.2	70-130		2.31	30	
trans-1,2-Dichloroethylene	37.0		"	50.0	0.00	73.9	70-130		0.108	30	
trans-1,3-Dichloropropylene	30.9		"	50.0	0.00	61.8	70-130	Low Bias	1.17	30	
Trichloroethylene	38.5		"	50.0	0.00	77.0	70-130		3.89	30	
Trichlorofluoromethane	39.1		"	50.0	0.00	78.3	40-160		0.789	30	
Vinyl Chloride	39.4		"	50.0	0.00	78.7	70-130		1.89	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41917 - EPA 5030B											
Blank (BJ41917-BLK1) Blank									Prepared & Analyzed: 10/24/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	0.380	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41917 - EPA 5030B											
Blank (BJ41917-BLK1) Blank								Prepared & Analyzed: 10/24/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.94*		*"*	*10.0*		*89.4*	*70-130*				
Surrogate: SURR: Toluene-d8	*11.2*		*"*	*10.0*		*112*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.88*		*"*	*10.0*		*88.8*	*70-130*				
LCS (BJ41917-BS1) LCS								Prepared & Analyzed: 10/24/2024			
1,1,1,2-Tetrachloroethane	12.0		ug/L	10.0		120	82-126			30	
1,1,1-Trichloroethane	11.4		"	10.0		114	70-130			20	
1,1,2,2-Tetrachloroethane	9.96		"	10.0		99.6	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	70-130			20	
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130			20	
1,1-Dichloroethane	11.1		"	10.0		111	70-130			20	
1,1-Dichloroethylene	12.4		"	10.0		124	70-130			20	
1,1-Dichloropropylene	11.9		"	10.0		119	83-133			30	
1,2,3-Trichlorobenzene	7.84		"	10.0		78.4	70-130			20	
1,2,3-Trichloropropane	9.67		"	10.0		96.7	77-128			30	
1,2,4-Trichlorobenzene	8.24		"	10.0		82.4	70-130			20	
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132			20	
1,2-Dibromo-3-chloropropane	9.79		"	10.0		97.9	40-160			20	
1,2-Dibromoethane	10.2		"	10.0		102	70-130			20	
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130			20	
1,2-Dichloroethane	9.65		"	10.0		96.5	70-130			20	
1,2-Dichloropropane	12.6		"	10.0		126	70-130			20	
1,3,5-Trimethylbenzene	11.7		"	10.0		117	80-131			30	
1,3-Dichlorobenzene	10.4		"	10.0		104	70-130			20	
1,3-Dichloropropane	10.9		"	10.0		109	81-125			30	
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130			20	
1,4-Dioxane	171		"	210		81.6	40-160			20	
2,2-Dichloropropane	12.3		"	10.0		123	56-150			30	
2-Butanone	9.47		"	10.0		94.7	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41917 - EPA 5030B											
LCS (BJ41917-BS1) LCS								Prepared & Analyzed: 10/24/2024			
2-Chlorotoluene	11.4		ug/L	10.0		114	79-130			30	
2-Hexanone	9.00		"	10.0		90.0	40-160			20	
4-Chlorotoluene	11.7		"	10.0		117	79-128			30	
4-Methyl-2-pentanone	8.11		"	10.0		81.1	40-160			20	
Acetone	9.26		"	10.0		92.6	40-160			20	
Acrolein	0.910		"	10.0		9.10	10-153	Low Bias		30	
Acrylonitrile	8.82		"	10.0		88.2	51-150			30	
Benzene	11.6		"	10.0		116	70-130			20	
Bromobenzene	11.2		"	10.0		112	78-129			30	
Bromochloromethane	10.1		"	10.0		101	70-130			20	
Bromodichloromethane	11.8		"	10.0		118	70-130			20	
Bromoform	7.55		"	10.0		75.5	70-130			20	
Bromomethane	10.5		"	10.0		105	40-160			20	
Carbon disulfide	12.3		"	10.0		123	40-160			20	
Carbon tetrachloride	11.9		"	10.0		119	70-130			20	
Chlorobenzene	11.8		"	10.0		118	70-130			20	
Chloroethane	11.6		"	10.0		116	40-160			20	
Chloroform	10.6		"	10.0		106	70-130			20	
Chloromethane	11.2		"	10.0		112	40-160			20	
cis-1,2-Dichloroethylene	11.3		"	10.0		113	70-130			20	
cis-1,3-Dichloropropylene	11.2		"	10.0		112	70-130			20	
Cyclohexane	5.78		"	10.0		57.8	70-130	Low Bias		20	
Dibromochloromethane	9.03		"	10.0		90.3	70-130			20	
Dibromomethane	10.2		"	10.0		102	72-134			30	
Dichlorodifluoromethane	9.09		"	10.0		90.9	40-160			20	
Ethyl Benzene	13.7		"	10.0		137	70-130	High Bias		20	
Hexachlorobutadiene	6.79		"	10.0		67.9	67-146			30	
Isopropylbenzene	12.7		"	10.0		127	70-130			20	
Methyl acetate	8.45		"	10.0		84.5	70-130			20	
Methyl tert-butyl ether (MTBE)	8.42		"	10.0		84.2	70-130			20	
Methylcyclohexane	12.2		"	10.0		122	70-130			20	
Methylene chloride	10.5		"	10.0		105	70-130			20	
n-Butylbenzene	9.90		"	10.0		99.0	79-132			30	
n-Propylbenzene	12.3		"	10.0		123	78-133			30	
o-Xylene	12.4		"	10.0		124	70-130			20	
p- & m- Xylenes	26.6		"	20.0		133	70-130	High Bias		20	
p-Isopropyltoluene	11.0		"	10.0		110	81-136			30	
sec-Butylbenzene	10.7		"	10.0		107	79-137			30	
Styrene	12.5		"	10.0		125	70-130			20	
tert-Butyl alcohol (TBA)	28.1		"	50.0		56.3	25-162			30	
tert-Butylbenzene	9.92		"	10.0		99.2	77-138			30	
Tetrachloroethylene	12.4		"	10.0		124	70-130			20	
Toluene	13.3		"	10.0		133	70-130	High Bias		20	
trans-1,2-Dichloroethylene	11.9		"	10.0		119	70-130			20	
trans-1,3-Dichloropropylene	11.1		"	10.0		111	70-130			20	
Trichloroethylene	13.2		"	10.0		132	70-130	High Bias		20	
Trichlorofluoromethane	11.8		"	10.0		118	40-160			20	
Vinyl Chloride	11.4		"	10.0		114	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*7.53*		*"*	*10.0*		*75.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*11.4*		*"*	*10.0*		*114*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.15*		*"*	*10.0*		*91.5*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41917 - EPA 5030B											
LCS (BJ41917-BS1) LCS								Prepared & Analyzed: 10/24/2024			
LCS Dup (BJ41917-BSD1) LCS Dup								Prepared & Analyzed: 10/24/2024			
1,1,1,2-Tetrachloroethane	11.6		ug/L	10.0		116	82-126		3.13	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	70-130		5.30	20	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	70-130		9.92	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	70-130		6.01	20	
1,1,2-Trichloroethane	11.2		"	10.0		112	70-130		6.57	20	
1,1-Dichloroethane	10.8		"	10.0		108	70-130		2.64	20	
1,1-Dichloroethylene	11.5		"	10.0		115	70-130		8.12	20	
1,1-Dichloropropylene	11.3		"	10.0		113	83-133		5.43	30	
1,2,3-Trichlorobenzene	8.99		"	10.0		89.9	70-130		13.7	20	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		7.94	30	
1,2,4-Trichlorobenzene	8.87		"	10.0		88.7	70-130		7.36	20	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		10.3	20	
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	40-160		9.44	20	
1,2-Dibromoethane	10.9		"	10.0		109	70-130		6.61	20	
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130		2.92	20	
1,2-Dichloroethane	10.7		"	10.0		107	70-130		10.3	20	
1,2-Dichloropropane	11.6		"	10.0		116	70-130		8.04	20	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		11.6	30	
1,3-Dichlorobenzene	9.87		"	10.0		98.7	70-130		5.61	20	
1,3-Dichloropropane	11.3		"	10.0		113	81-125		3.41	30	
1,4-Dichlorobenzene	9.66		"	10.0		96.6	70-130		5.93	20	
1,4-Dioxane	247		"	210		118	40-160		36.3	20	Non-dir.
2,2-Dichloropropane	11.6		"	10.0		116	56-150		5.45	30	
2-Butanone	11.7		"	10.0		117	40-160		20.9	20	Non-dir.
2-Chlorotoluene	10.2		"	10.0		102	79-130		11.4	30	
2-Hexanone	11.6		"	10.0		116	40-160		25.1	20	Non-dir.
4-Chlorotoluene	10.4		"	10.0		104	79-128		11.8	30	
4-Methyl-2-pentanone	10.1		"	10.0		101	40-160		22.1	20	Non-dir.
Acetone	12.0		"	10.0		120	40-160		25.4	20	Non-dir.
Acrolein	1.04		"	10.0		10.4	10-153		13.3	30	
Acrylonitrile	11.3		"	10.0		113	51-150		24.6	30	
Benzene	11.3		"	10.0		113	70-130		2.01	20	
Bromobenzene	10.5		"	10.0		105	78-129		6.62	30	
Bromochloromethane	11.2		"	10.0		112	70-130		10.3	20	
Bromodichloromethane	11.4		"	10.0		114	70-130		3.61	20	
Bromoform	8.46		"	10.0		84.6	70-130		11.4	20	
Bromomethane	9.42		"	10.0		94.2	40-160		10.5	20	
Carbon disulfide	11.4		"	10.0		114	40-160		7.08	20	
Carbon tetrachloride	11.2		"	10.0		112	70-130		5.54	20	
Chlorobenzene	11.0		"	10.0		110	70-130		6.77	20	
Chloroethane	10.5		"	10.0		105	40-160		9.92	20	
Chloroform	10.7		"	10.0		107	70-130		0.749	20	
Chloromethane	10.4		"	10.0		104	40-160		7.96	20	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130		1.25	20	
cis-1,3-Dichloropropylene	11.1		"	10.0		111	70-130		1.07	20	
Cyclohexane	5.57		"	10.0		55.7	70-130	Low Bias	3.70	20	
Dibromochloromethane	9.50		"	10.0		95.0	70-130		5.07	20	
Dibromomethane	10.8		"	10.0		108	72-134		5.71	30	
Dichlorodifluoromethane	8.60		"	10.0		86.0	40-160		5.54	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41917 - EPA 5030B											
LCS Dup (BJ41917-BSD1) LCS Dup							Prepared & Analyzed: 10/24/2024				
Ethyl Benzene	12.3		ug/L	10.0		123	70-130		10.6	20	
Hexachlorobutadiene	7.01		"	10.0		70.1	67-146		3.19	30	
Isopropylbenzene	10.7		"	10.0		107	70-130		16.5	20	
Methyl acetate	10.6		"	10.0		106	70-130		22.9	20	Non-dir.
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	70-130		25.4	20	Non-dir.
Methylcyclohexane	10.5		"	10.0		105	70-130		15.2	20	
Methylene chloride	10.9		"	10.0		109	70-130		3.91	20	
n-Butylbenzene	9.14		"	10.0		91.4	79-132		7.98	30	
n-Propylbenzene	10.7		"	10.0		107	78-133		14.1	30	
o-Xylene	11.5		"	10.0		115	70-130		7.69	20	
p- & m- Xylenes	24.0		"	20.0		120	70-130		10.1	20	
p-Isopropyltoluene	9.80		"	10.0		98.0	81-136		11.1	30	
sec-Butylbenzene	9.59		"	10.0		95.9	79-137		11.2	30	
Styrene	11.9		"	10.0		119	70-130		5.08	20	
tert-Butyl alcohol (TBA)	53.7		"	50.0		107	25-162		62.5	30	Non-dir.
tert-Butylbenzene	8.80		"	10.0		88.0	77-138		12.0	30	
Tetrachloroethylene	10.7		"	10.0		107	70-130		14.8	20	
Toluene	11.5		"	10.0		115	70-130		15.2	20	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	70-130		5.54	20	
trans-1,3-Dichloropropylene	11.8		"	10.0		118	70-130		6.37	20	
Trichloroethylene	11.2		"	10.0		112	70-130		16.9	20	
Trichlorofluoromethane	10.9		"	10.0		109	40-160		7.32	20	
Vinyl Chloride	10.2		"	10.0		102	70-130		10.9	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.83*		*"*	*10.0*		*88.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.76*		*"*	*10.0*		*87.6*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41847 - EPA 3550C											
Blank (BJ41847-BLK1) Blank									Prepared & Analyzed: 10/28/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41847 - EPA 3550C											
Blank (BJ41847-BLK1) Blank									Prepared & Analyzed: 10/28/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.28*		"	*1.66*		*77.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.23*		"	*1.66*		*74.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.628*		"	*0.831*		*75.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.640*		"	*0.831*		*77.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.23*		"	*1.66*		*74.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.708*		"	*0.831*		*85.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41847 - EPA 3550C											
LCS (BJ41847-BS1) LCS							Prepared & Analyzed: 10/28/2024				
1,1-Biphenyl	0.475	0.0416	mg/kg wet				18-111				
1,2,4,5-Tetrachlorobenzene	0.458	0.0830	"				21-131				
1,2,4-Trichlorobenzene	0.488	0.0416	"				10-140				
1,2-Dichlorobenzene	0.468	0.0416	"				34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.426	0.0416	"				17-137				
1,3-Dichlorobenzene	0.466	0.0416	"				33-110				
1,4-Dichlorobenzene	0.463	0.0416	"				32-104				
2,3,4,6-Tetrachlorophenol	0.659	0.0830	"				30-130				
2,4,5-Trichlorophenol	0.531	0.0416	"				27-118				
2,4,6-Trichlorophenol	0.532	0.0416	"				31-120				
2,4-Dichlorophenol	0.535	0.0416	"				20-127				
2,4-Dimethylphenol	0.538	0.0416	"				14-132				
2,4-Dinitrophenol	0.0508	0.0830	"				10-171				
2,4-Dinitrotoluene	0.504	0.0416	"				34-131				
2,6-Dinitrotoluene	0.501	0.0416	"				31-128				
2-Chloronaphthalene	0.486	0.0416	"				31-117				
2-Chlorophenol	0.523	0.0416	"				33-113				
2-Methylnaphthalene	0.437	0.0416	"				12-138				
2-Methylphenol	0.480	0.0416	"				10-136				
2-Nitroaniline	0.555	0.0830	"				27-132				
2-Nitrophenol	0.482	0.0416	"				17-129				
3- & 4-Methylphenols	0.427	0.0416	"				29-103				
3,3-Dichlorobenzidine	0.516	0.0416	"				22-149				
3-Nitroaniline	0.533	0.0830	"				20-133				
4,6-Dinitro-2-methylphenol	0.0874	0.0830	"				10-143				
4-Bromophenyl phenyl ether	0.433	0.0416	"				29-120				
4-Chloro-3-methylphenol	0.514	0.0416	"				24-129				
4-Chloroaniline	0.408	0.0416	"				10-132				
4-Chlorophenyl phenyl ether	0.470	0.0416	"				27-124				
4-Nitroaniline	0.558	0.0830	"				16-128				
4-Nitrophenol	0.542	0.0830	"				10-141				
Acenaphthene	0.451	0.0416	"				30-121				
Acenaphthylene	0.497	0.0416	"				30-115				
Acetophenone	0.458	0.0416	"				20-112				
Aniline	0.428	0.166	"				10-119				
Anthracene	0.494	0.0416	"				34-118				
Atrazine	0.426	0.0416	"				26-112				
Benzaldehyde	0.480	0.0416	"				21-100				
Benzo(a)anthracene	0.539	0.0416	"				32-122				
Benzo(a)pyrene	0.482	0.0416	"				29-133				
Benzo(b)fluoranthene	0.506	0.0416	"				25-133				
Benzo(g,h,i)perylene	0.500	0.0416	"				10-143				
Benzo(k)fluoranthene	0.486	0.0416	"				25-128				
Benzoic acid	0.647	0.0416	"				10-140				
Benzyl alcohol	0.474	0.0416	"				30-115				
Benzyl butyl phthalate	0.537	0.0416	"				26-126				
Bis(2-chloroethoxy)methane	0.437	0.0416	"				19-132				
Bis(2-chloroethyl)ether	0.420	0.0416	"				19-125				
Bis(2-chloroisopropyl)ether	0.471	0.0416	"				20-135				
Bis(2-ethylhexyl)phthalate	0.532	0.0416	"				10-155				
Caprolactam	0.555	0.0830	"				10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41847 - EPA 3550C											
LCS (BJ41847-BS1) LCS							Prepared & Analyzed: 10/28/2024				
Carbazole	0.493	0.0416	mg/kg wet				35-123				
Chrysene	0.510	0.0416	"				32-123				
Dibenzo(a,h)anthracene	0.486	0.0416	"				10-136				
Dibenzofuran	0.475	0.0416	"				29-121				
Diethyl phthalate	0.486	0.0416	"				34-116				
Dimethyl phthalate	0.474	0.0416	"				35-124				
Di-n-butyl phthalate	0.506	0.0416	"				31-116				
Di-n-octyl phthalate	0.547	0.0416	"				26-136				
Fluoranthene	0.500	0.0416	"				33-122				
Fluorene	0.470	0.0416	"				29-123				
Hexachlorobenzene	0.511	0.0416	"				21-124				
Hexachlorobutadiene	0.482	0.0416	"				10-149				
Hexachlorocyclopentadiene	0.0465	0.0416	"				10-129				
Hexachloroethane	0.395	0.0416	"				28-108				
Indeno(1,2,3-cd)pyrene	0.588	0.0416	"				10-135				
Isophorone	0.447	0.0416	"				20-132				
Naphthalene	0.486	0.0416	"				23-124				
Nitrobenzene	0.458	0.0416	"				13-132				
N-Nitrosodimethylamine	0.400	0.0416	"				11-129				
N-nitroso-di-n-propylamine	0.411	0.0416	"				24-119				
N-Nitrosodiphenylamine	0.512	0.0416	"				22-152				
Pentachlorophenol	0.302	0.0416	"				10-139				
Phenanthrene	0.484	0.0416	"				33-123				
Phenol	0.514	0.0416	"				23-115				
Pyrene	0.523	0.0416	"				24-130				
Pyridine	0.272	0.166	"				10-91				
Surrogate: SURR: 2-Fluorophenol	*0.939*		*"*	*1.66*		*56.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.907*		*"*	*1.66*		*54.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.459*		*"*	*0.831*		*55.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.449*		*"*	*0.831*		*54.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.886*		*"*	*1.66*		*53.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.473*		*"*	*0.831*		*57.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41847 - EPA 3550C											
Matrix Spike (BJ41847-MS1) Matrix Spike	*Source sample: 24J1567-02 (PE75_18)							Prepared & Analyzed: 10/28/2024			
1,1-Biphenyl	0.627	0.0949	mg/kg dry		ND		10-130				
1,2,4,5-Tetrachlorobenzene	0.586	0.190	"		ND		10-133				
1,2,4-Trichlorobenzene	0.637	0.0949	"		ND		10-127				
1,2-Dichlorobenzene	0.604	0.0949	"		ND		14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.571	0.0949	"		ND		10-144				
1,3-Dichlorobenzene	0.616	0.0949	"		ND		11-111				
1,4-Dichlorobenzene	0.598	0.0949	"		ND		10-106				
2,3,4,6-Tetrachlorophenol	0.881	0.190	"		ND		30-130				
2,4,5-Trichlorophenol	0.710	0.0949	"		ND		10-127				
2,4,6-Trichlorophenol	0.676	0.0949	"		ND		10-132				
2,4-Dichlorophenol	0.681	0.0949	"		ND		10-128				
2,4-Dimethylphenol	0.703	0.0949	"		ND		10-137				
2,4-Dinitrophenol	ND	0.190	"		ND		10-171				
2,4-Dinitrotoluene	0.681	0.0949	"		ND		16-135				
2,6-Dinitrotoluene	0.656	0.0949	"		ND		18-131				
2-Chloronaphthalene	0.630	0.0949	"		ND		10-129				
2-Chlorophenol	0.671	0.0949	"		ND		15-116				
2-Methylnaphthalene	0.575	0.0949	"		ND		10-147				
2-Methylphenol	0.613	0.0949	"		ND		10-136				
2-Nitroaniline	0.712	0.190	"		ND		10-137				
2-Nitrophenol	0.637	0.0949	"		ND		10-129				
3- & 4-Methylphenols	0.546	0.0949	"		ND		10-123				
3,3-Dichlorobenzidine	0.601	0.0949	"		ND		10-155				
3-Nitroaniline	0.666	0.190	"		ND		12-133				
4,6-Dinitro-2-methylphenol	0.121	0.190	"		ND		10-155				
4-Bromophenyl phenyl ether	0.602	0.0949	"		ND		14-128				
4-Chloro-3-methylphenol	0.690	0.0949	"		ND		10-134				
4-Chloroaniline	0.561	0.0949	"		ND		10-145				
4-Chlorophenyl phenyl ether	0.622	0.0949	"		ND		14-130				
4-Nitroaniline	0.695	0.190	"		ND		10-147				
4-Nitrophenol	0.669	0.190	"		ND		10-137				
Acenaphthene	0.604	0.0949	"		ND		10-146				
Acenaphthylene	0.662	0.0949	"		ND		10-134				
Acetophenone	0.602	0.0949	"		ND		10-116				
Aniline	0.597	0.380	"		ND		10-123				
Anthracene	0.680	0.0949	"		ND		10-142				
Atrazine	0.625	0.0949	"		ND		19-115				
Benzaldehyde	0.607	0.0949	"		ND		10-125				
Benzo(a)anthracene	0.738	0.0949	"		ND		10-158				
Benzo(a)pyrene	0.665	0.0949	"		ND		10-180				
Benzo(b)fluoranthene	0.684	0.0949	"		ND		10-200				
Benzo(g,h,i)perylene	0.672	0.0949	"		ND		10-138				
Benzo(k)fluoranthene	0.678	0.0949	"		ND		10-197				
Benzoic acid	0.146	0.0949	"		ND		10-166				
Benzyl alcohol	0.611	0.0949	"		ND		12-124				
Benzyl butyl phthalate	0.738	0.0949	"		ND		10-154				
Bis(2-chloroethoxy)methane	0.585	0.0949	"		ND		10-132				
Bis(2-chloroethyl)ether	0.543	0.0949	"		ND		10-119				
Bis(2-chloroisopropyl)ether	0.604	0.0949	"		ND		10-139				
Bis(2-ethylhexyl)phthalate	0.797	0.0949	"		0.121		10-167				
Caprolactam	0.705	0.190	"		ND		10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41847 - EPA 3550C											
Matrix Spike (BJ41847-MS1) Matrix Spike *Source sample: 24J1567-02 (PE75_18)							Prepared & Analyzed: 10/28/2024				
Carbazole	0.668	0.0949	mg/kg dry		ND		10-167				
Chrysene	0.707	0.0949	"		ND		10-156				
Dibenzo(a,h)anthracene	0.649	0.0949	"		ND		10-137				
Dibenzofuran	0.619	0.0949	"		ND		10-147				
Diethyl phthalate	0.640	0.0949	"		ND		20-120				
Dimethyl phthalate	0.617	0.0949	"		ND		18-131				
Di-n-butyl phthalate	0.700	0.0949	"		ND		10-137				
Di-n-octyl phthalate	0.744	0.0949	"		ND		10-180				
Fluoranthene	0.684	0.0949	"		0.0633		10-160				
Fluorene	0.621	0.0949	"		ND		10-157				
Hexachlorobenzene	0.724	0.0949	"		ND		10-137				
Hexachlorobutadiene	0.634	0.0949	"		ND		10-132				
Hexachlorocyclopentadiene	ND	0.0949	"		ND		10-106				
Hexachloroethane	0.474	0.0949	"		ND		10-110				
Indeno(1,2,3-cd)pyrene	0.779	0.0949	"		ND		10-144				
Isophorone	0.570	0.0949	"		ND		10-132				
Naphthalene	0.645	0.0949	"		ND		10-141				
Nitrobenzene	0.604	0.0949	"		ND		10-131				
N-Nitrosodimethylamine	0.492	0.0949	"		ND		10-126				
N-nitroso-di-n-propylamine	0.542	0.0949	"		ND		10-125				
N-Nitrosodiphenylamine	0.715	0.0949	"		ND		10-177				
Pentachlorophenol	0.502	0.0949	"		ND		10-153				
Phenanthrene	0.665	0.0949	"		ND		10-148				
Phenol	0.646	0.0949	"		ND		10-126				
Pyrene	0.722	0.0949	"		0.0588		10-165				
Pyridine	0.336	0.380	"		ND		10-83				
Surrogate: SURR: 2-Fluorophenol	*1.16*		*"*	*1.90*		*61.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.13*		*"*	*1.90*		*59.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.572*		*"*	*0.948*		*60.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.577*		*"*	*0.948*		*60.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.16*		*"*	*1.90*		*61.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.632*		*"*	*0.948*		*66.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41847 - EPA 3550C											
Matrix Spike Dup (BJ41847-M Matrix Spike Dup	*Source sample: 24J1567-02 (PE75_18)								Prepared & Analyzed: 10/28/2024		
1,1-Biphenyl	0.582	0.0949	mg/kg dry		ND		10-130		7.53	30	
1,2,4,5-Tetrachlorobenzene	0.559	0.190	"		ND		10-133		4.77	30	
1,2,4-Trichlorobenzene	0.606	0.0949	"		ND		10-127		4.88	30	
1,2-Dichlorobenzene	0.589	0.0949	"		ND		14-111		2.54	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.536	0.0949	"		ND		10-144		6.17	30	
1,3-Dichlorobenzene	0.590	0.0949	"		ND		11-111		4.41	30	
1,4-Dichlorobenzene	0.584	0.0949	"		ND		10-106		2.31	30	
2,3,4,6-Tetrachlorophenol	0.794	0.190	"		ND		30-130		10.3	30	
2,4,5-Trichlorophenol	0.654	0.0949	"		ND		10-127		8.23	30	
2,4,6-Trichlorophenol	0.624	0.0949	"		ND		10-132		7.93	30	
2,4-Dichlorophenol	0.652	0.0949	"		ND		10-128		4.33	30	
2,4-Dimethylphenol	0.677	0.0949	"		ND		10-137		3.74	30	
2,4-Dinitrophenol	ND	0.190	"		ND		10-171			30	
2,4-Dinitrotoluene	0.649	0.0949	"		ND		16-135		4.68	30	
2,6-Dinitrotoluene	0.624	0.0949	"		ND		18-131		4.98	30	
2-Chloronaphthalene	0.583	0.0949	"		ND		10-129		7.76	30	
2-Chlorophenol	0.624	0.0949	"		ND		15-116		7.38	30	
2-Methylnaphthalene	0.542	0.0949	"		ND		10-147		5.84	30	
2-Methylphenol	0.588	0.0949	"		ND		10-136		4.17	30	
2-Nitroaniline	0.668	0.190	"		ND		10-137		6.27	30	
2-Nitrophenol	0.637	0.0949	"		ND		10-129		0.00	30	
3- & 4-Methylphenols	0.518	0.0949	"		ND		10-123		5.27	30	
3,3-Dichlorobenzidine	0.566	0.0949	"		ND		10-155		5.98	30	
3-Nitroaniline	0.622	0.190	"		ND		12-133		6.83	30	
4,6-Dinitro-2-methylphenol	0.145	0.190	"		ND		10-155		17.7	30	
4-Bromophenyl phenyl ether	0.545	0.0949	"		ND		14-128		9.93	30	
4-Chloro-3-methylphenol	0.615	0.0949	"		ND		10-134		11.6	30	
4-Chloroaniline	0.515	0.0949	"		ND		10-145		8.60	30	
4-Chlorophenyl phenyl ether	0.593	0.0949	"		ND		14-130		4.74	30	
4-Nitroaniline	0.627	0.190	"		ND		10-147		10.3	30	
4-Nitrophenol	0.584	0.190	"		ND		10-137		13.6	30	
Acenaphthene	0.571	0.0949	"		ND		10-146		5.55	30	
Acenaphthylene	0.615	0.0949	"		ND		10-134		7.49	30	
Acetophenone	0.559	0.0949	"		ND		10-116		7.32	30	
Aniline	0.552	0.380	"		ND		10-123		7.93	30	
Anthracene	0.613	0.0949	"		ND		10-142		10.3	30	
Atrazine	0.560	0.0949	"		ND		19-115		11.0	30	
Benzaldehyde	0.575	0.0949	"		ND		10-125		5.39	30	
Benzo(a)anthracene	0.656	0.0949	"		ND		10-158		11.8	30	
Benzo(a)pyrene	0.591	0.0949	"		ND		10-180		11.8	30	
Benzo(b)fluoranthene	0.624	0.0949	"		ND		10-200		9.28	30	
Benzo(g,h,i)perylene	0.622	0.0949	"		ND		10-138		7.74	30	
Benzo(k)fluoranthene	0.608	0.0949	"		ND		10-197		10.8	30	
Benzoic acid	0.102	0.0949	"		ND		10-166		35.6	30	Non-dir.
Benzyl alcohol	0.581	0.0949	"		ND		12-124		4.97	30	
Benzyl butyl phthalate	0.673	0.0949	"		ND		10-154		9.25	30	
Bis(2-chloroethoxy)methane	0.543	0.0949	"		ND		10-132		7.40	30	
Bis(2-chloroethyl)ether	0.521	0.0949	"		ND		10-119		4.13	30	
Bis(2-chloroisopropyl)ether	0.573	0.0949	"		ND		10-139		5.29	30	
Bis(2-ethylhexyl)phthalate	0.722	0.0949	"		0.121		10-167		9.99	30	
Caprolactam	0.640	0.190	"		ND		10-132		9.71	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41847 - EPA 3550C											
Matrix Spike Dup (BJ41847-M Matrix Spike Dup	*Source sample: 24J1567-02 (PE75_18)						Prepared & Analyzed: 10/28/2024				
Carbazole	0.588	0.0949	mg/kg dry		ND		10-167		12.8	30	
Chrysene	0.628	0.0949	"		ND		10-156		11.8	30	
Dibenzo(a,h)anthracene	0.594	0.0949	"		ND		10-137		8.79	30	
Dibenzofuran	0.594	0.0949	"		ND		10-147		4.13	30	
Diethyl phthalate	0.596	0.0949	"		ND		20-120		7.24	30	
Dimethyl phthalate	0.583	0.0949	"		ND		18-131		5.69	30	
Di-n-butyl phthalate	0.632	0.0949	"		ND		10-137		10.3	30	
Di-n-octyl phthalate	0.678	0.0949	"		ND		10-180		9.39	30	
Fluoranthene	0.602	0.0949	"		0.0633		10-160		12.7	30	
Fluorene	0.577	0.0949	"		ND		10-157		7.22	30	
Hexachlorobenzene	0.627	0.0949	"		ND		10-137		14.3	30	
Hexachlorobutadiene	0.605	0.0949	"		ND		10-132		4.65	30	
Hexachlorocyclopentadiene	ND	0.0949	"		ND		10-106			30	
Hexachloroethane	0.456	0.0949	"		ND		10-110		3.92	30	
Indeno(1,2,3-cd)pyrene	0.712	0.0949	"		ND		10-144		9.06	30	
Isophorone	0.545	0.0949	"		ND		10-132		4.49	30	
Naphthalene	0.602	0.0949	"		ND		10-141		6.81	30	
Nitrobenzene	0.560	0.0949	"		ND		10-131		7.56	30	
N-Nitrosodimethylamine	0.489	0.0949	"		ND		10-126		0.464	30	
N-nitroso-di-n-propylamine	0.505	0.0949	"		ND		10-125		7.10	30	
N-Nitrosodiphenylamine	0.656	0.0949	"		ND		10-177		8.64	30	
Pentachlorophenol	0.435	0.0949	"		ND		10-153		14.3	30	
Phenanthrene	0.600	0.0949	"		ND		10-148		10.3	30	
Phenol	0.602	0.0949	"		ND		10-126		7.17	30	
Pyrene	0.643	0.0949	"		0.0588		10-165		11.6	30	
Pyridine	0.330	0.380	"		ND		10-83		1.82	30	
Surrogate: SURR: 2-Fluorophenol	*1.10*		*"*	*1.90*		*57.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.03*		*"*	*1.90*		*54.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.546*		*"*	*0.948*		*57.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.545*		*"*	*0.948*		*57.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.02*		*"*	*1.90*		*53.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.564*		*"*	*0.948*		*59.5*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41859 - EPA 3550C											
Blank (BJ41859-BLK1) Blank									Prepared: 10/28/2024 Analyzed: 10/29/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	0.0721	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41859 - EPA 3550C											
Blank (BJ41859-BLK1) Blank									Prepared: 10/28/2024 Analyzed: 10/29/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.44*		"	*1.66*		*86.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.31*		"	*1.66*		*78.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.698*		"	*0.831*		*84.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.714*		"	*0.831*		*86.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.27*		"	*1.66*		*76.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.831*		"	*0.831*		*100*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41859 - EPA 3550C											
LCS (BJ41859-BS1) LCS									Prepared: 10/28/2024 Analyzed: 10/29/2024		
1,1-Biphenyl	0.861	0.0416	mg/kg wet	0.831		104	18-111				
1,2,4,5-Tetrachlorobenzene	0.805	0.0830	"	0.831		96.9	21-131				
1,2,4-Trichlorobenzene	0.869	0.0416	"	1.25		69.8	10-140				
1,2-Dichlorobenzene	0.833	0.0416	"	1.25		66.9	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.824	0.0416	"	1.25		66.1	17-137				
1,3-Dichlorobenzene	0.821	0.0416	"	1.25		65.9	33-110				
1,4-Dichlorobenzene	0.827	0.0416	"	1.25		66.4	32-104				
2,3,4,6-Tetrachlorophenol	1.09	0.0830	"	1.25		87.2	30-130				
2,4,5-Trichlorophenol	0.899	0.0416	"	1.25		72.1	27-118				
2,4,6-Trichlorophenol	0.892	0.0416	"	1.25		71.6	31-120				
2,4-Dichlorophenol	0.936	0.0416	"	1.25		75.1	20-127				
2,4-Dimethylphenol	0.980	0.0416	"	1.25		78.7	14-132				
2,4-Dinitrophenol	0.906	0.0830	"	1.25		72.7	10-171				
2,4-Dinitrotoluene	0.983	0.0416	"	1.25		78.9	34-131				
2,6-Dinitrotoluene	0.940	0.0416	"	1.25		75.4	31-128				
2-Chloronaphthalene	0.852	0.0416	"	1.25		68.4	31-117				
2-Chlorophenol	0.926	0.0416	"	1.25		74.3	33-113				
2-Methylnaphthalene	0.754	0.0416	"	1.25		60.6	12-138				
2-Methylphenol	0.816	0.0416	"	1.25		65.5	10-136				
2-Nitroaniline	0.951	0.0830	"	1.25		76.3	27-132				
2-Nitrophenol	0.997	0.0416	"	1.25		80.1	17-129				
3- & 4-Methylphenols	0.757	0.0416	"	1.25		60.7	29-103				
3,3-Dichlorobenzidine	0.818	0.0416	"	0.831		98.5	22-149				
3-Nitroaniline	0.750	0.0830	"	1.25		60.2	20-133				
4,6-Dinitro-2-methylphenol	1.17	0.0830	"	1.25		93.7	10-143				
4-Bromophenyl phenyl ether	0.798	0.0416	"	1.25		64.1	29-120				
4-Chloro-3-methylphenol	0.869	0.0416	"	1.25		69.8	24-129				
4-Chloroaniline	0.623	0.0416	"	1.25		50.0	10-132				
4-Chlorophenyl phenyl ether	0.808	0.0416	"	1.25		64.9	27-124				
4-Nitroaniline	0.841	0.0830	"	1.25		67.5	16-128				
4-Nitrophenol	0.878	0.0830	"	1.25		70.5	10-141				
Acenaphthene	0.802	0.0416	"	1.25		64.3	30-121				
Acenaphthylene	0.866	0.0416	"	1.25		69.5	30-115				
Acetophenone	0.816	0.0416	"	0.831		98.2	20-112				
Aniline	0.773	0.166	"	1.25		62.0	10-119				
Anthracene	0.880	0.0416	"	1.25		70.7	34-118				
Atrazine	0.908	0.0416	"	0.831		109	26-112				
Benzaldehyde	0.783	0.0416	"	0.831		94.2	21-100				
Benzo(a)anthracene	0.948	0.0416	"	1.25		76.1	32-122				
Benzo(a)pyrene	0.811	0.0416	"	1.25		65.1	29-133				
Benzo(b)fluoranthene	0.864	0.0416	"	1.25		69.3	25-133				
Benzo(g,h,i)perylene	0.878	0.0416	"	1.25		70.5	10-143				
Benzo(k)fluoranthene	0.857	0.0416	"	1.25		68.8	25-128				
Benzoic acid	0.650	0.0416	"	0.831		78.2	10-140				
Benzyl alcohol	0.820	0.0416	"	1.25		65.8	30-115				
Benzyl butyl phthalate	1.05	0.0416	"	1.25		84.3	26-126				
Bis(2-chloroethoxy)methane	0.803	0.0416	"	1.25		64.5	19-132				
Bis(2-chloroethyl)ether	0.757	0.0416	"	1.25		60.7	19-125				
Bis(2-chloroisopropyl)ether	0.811	0.0416	"	1.25		65.1	20-135				
Bis(2-ethylhexyl)phthalate	1.05	0.0416	"	1.25		84.1	10-155				
Caprolactam	0.918	0.0830	"	0.831		110	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41859 - EPA 3550C											
LCS (BJ41859-BS1) LCS									Prepared: 10/28/2024 Analyzed: 10/29/2024		
Carbazole	0.870	0.0416	mg/kg wet	1.25		69.8	35-123				
Chrysene	0.906	0.0416	"	1.25		72.7	32-123				
Dibenzo(a,h)anthracene	0.850	0.0416	"	1.25		68.3	10-136				
Dibenzofuran	0.834	0.0416	"	1.25		66.9	29-121				
Diethyl phthalate	0.870	0.0416	"	1.25		69.8	34-116				
Dimethyl phthalate	0.863	0.0416	"	1.25		69.3	35-124				
Di-n-butyl phthalate	0.922	0.0416	"	1.25		74.0	31-116				
Di-n-octyl phthalate	1.04	0.0416	"	1.25		83.2	26-136				
Fluoranthene	0.858	0.0416	"	1.25		68.9	33-122				
Fluorene	0.797	0.0416	"	1.25		63.9	29-123				
Hexachlorobenzene	0.918	0.0416	"	1.25		73.7	21-124				
Hexachlorobutadiene	0.857	0.0416	"	1.25		68.8	10-149				
Hexachlorocyclopentadiene	0.489	0.0416	"	1.25		39.3	10-129				
Hexachloroethane	0.833	0.0416	"	1.25		66.8	28-108				
Indeno(1,2,3-cd)pyrene	1.02	0.0416	"	1.25		82.0	10-135				
Isophorone	0.797	0.0416	"	1.25		64.0	20-132				
Naphthalene	0.853	0.0416	"	1.25		68.5	23-124				
Nitrobenzene	0.792	0.0416	"	1.25		63.6	13-132				
N-Nitrosodimethylamine	0.673	0.0416	"	1.25		54.0	11-129				
N-nitroso-di-n-propylamine	0.721	0.0416	"	1.25		57.9	24-119				
N-Nitrosodiphenylamine	1.00	0.0416	"	1.25		80.5	22-152				
Pentachlorophenol	0.543	0.0416	"	1.25		43.6	10-139				
Phenanthrene	0.866	0.0416	"	1.25		69.5	33-123				
Phenol	0.881	0.0416	"	1.25		70.7	23-115				
Pyrene	0.971	0.0416	"	1.25		77.9	24-130				
Pyridine	0.498	0.166	"	1.25		40.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.61*		"	*1.66*		*97.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.52*		"	*1.66*		*91.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.796*		"	*0.831*		*95.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.817*		"	*0.831*		*98.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.48*		"	*1.66*		*88.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.922*		"	*0.831*		*111*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41736 - EPA 3550C												
Blank (BJ41736-BLK1)	Blank									Prepared: 10/25/2024 Analyzed: 10/28/2024		
1,4-Dioxane		ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8		*554*		*"*	*495*		*112*	*39-127.5*				
LCS (BJ41736-BS1)	LCS									Prepared: 10/25/2024 Analyzed: 10/28/2024		
1,4-Dioxane		518	19.8	ug/kg	495		105	40-130				
Surrogate: 1,4-Dioxane-d8		*465*		*"*	*495*		*94.0*	*39-127.5*				
Matrix Spike (BJ41736-MS1)	Matrix Spike	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/25/2024 Analyzed: 10/28/2024		
1,4-Dioxane		499	19.0	ug/kg	476	ND	105	40-130				
Surrogate: 1,4-Dioxane-d8		*495*		*"*	*476*		*104*	*40-130*				
Matrix Spike Dup (BJ41736-M	Matrix Spike Dup	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/25/2024 Analyzed: 10/28/2024		
1,4-Dioxane		510	19.6	ug/kg	490	ND	104	40-130		2.13	30	
Surrogate: 1,4-Dioxane-d8		*500*		*"*	*490*		*102*	*40-130*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
Blank (BJ41660-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.748	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.756	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.787	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.738	"								
HFPO-DA (Gen-X)	ND	0.787	"								
11CL-PF3OUdS	ND	0.744	"								
9CL-PF3ONS	ND	0.736	"								
ADONA	ND	0.744	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.984	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.92	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.92	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.34*		"	*2.29*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.74*		"	*2.46*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.06*		"	*2.46*		*83.8*	*25-150*				
Surrogate: M3PFHxS	*2.31*		"	*2.33*		*99.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.97*		"	*2.46*		*121*	*25-150*				
Surrogate: M6PFDA	*1.20*		"	*1.23*		*97.5*	*25-150*				
Surrogate: M7PFUdA	*1.11*		"	*1.23*		*90.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.709*		"	*1.23*		*57.6*	*25-150*				
Surrogate: M2PFTeDA	*0.510*		"	*1.23*		*41.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
Blank (BJ41660-BLK1) Blank								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.06*		*ug/kg wet*	*9.84*		*81.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.35*		*"*	*2.36*		*99.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.34*		*"*	*4.92*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.57*		*"*	*2.46*		*104*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.75*		*"*	*4.92*		*96.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.95*		*"*	*4.92*		*101*	*25-150*				
Surrogate: M2-6:2 FTS	*3.92*		*"*	*4.68*		*83.8*	*25-200*				
Surrogate: M2-8:2 FTS	*3.79*		*"*	*4.72*		*80.2*	*25-200*				
Surrogate: M9PFNA	*1.16*		*"*	*1.23*		*94.2*	*25-150*				
Surrogate: M2-4:2 FTS	*5.27*		*"*	*4.62*		*114*	*25-150*				
Surrogate: d-N-MeFOSA	*1.63*		*"*	*2.46*		*66.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.01*		*"*	*2.46*		*41.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.5*		*"*	*9.84*		*117*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.9*		*"*	*24.6*		*52.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.2*		*"*	*24.6*		*69.8*	*25-150*				
LCS (BJ41660-BS1) LCS								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Perfluorobutanesulfonic acid (PFBS)	3.14	0.175	ug/kg wet	3.50		89.7	50-150				
Perfluorohexanoic acid (PFHxA)	3.47	0.198	"	3.95		87.9	50-150				
Perfluoroheptanoic acid (PFHpA)	5.26	0.198	"	3.95		133	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.34	0.181	"	3.62		92.4	50-150				
Perfluorooctanoic acid (PFOA)	3.30	0.198	"	3.95		83.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.50	0.184	"	3.68		95.1	50-150				
Perfluorononanoic acid (PFNA)	3.29	0.198	"	3.95		83.3	50-150				
Perfluorodecanoic acid (PFDA)	3.24	0.198	"	3.95		82.0	50-150				
Perfluoroundecanoic acid (PFUnA)	3.78	0.198	"	3.95		95.7	50-150				
Perfluorododecanoic acid (PFDoA)	3.18	0.198	"	3.95		80.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.50	0.198	"	3.95		88.5	50-150				
Perfluorotetradecanoic acid (PFTA)	3.60	0.198	"	3.95		91.2	50-150				
N-MeFOSAA	3.71	0.198	"	3.95		93.8	50-150				
N-EtFOSAA	3.71	0.198	"	3.95		94.0	50-150				
Perfluoropentanoic acid (PFPeA)	7.56	0.395	"	7.91		95.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.89	0.198	"	3.95		73.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.72	0.198	"	3.77		98.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.23	0.191	"	3.81		84.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.6	0.751	"	15.0		90.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	13.6	0.759	"	15.2		89.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.6	0.791	"	15.8		92.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.05	0.352	"	7.04		100	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.08	0.395	"	7.91		115	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.87	0.395	"	7.91		86.9	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.49	0.395	"	7.91		94.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.67	0.186	"	3.72		98.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.5	0.741	"	14.8		84.2	50-150				
HFPO-DA (Gen-X)	7.32	0.791	"	7.91		92.6	50-150				
11CL-PF3OUdS	5.00	0.747	"	7.47		66.9	50-150				
9CL-PF3ONS	6.19	0.739	"	7.39		83.8	50-150				
ADONA	6.49	0.747	"	7.47		86.8	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
LCS (BJ41660-BS1) LCS								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.03	0.192	ug/kg wet	3.83		52.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.44	0.190	"	3.79		90.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	13.5	0.988	"	15.8		85.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	75.5	4.94	"	79.1		95.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	80.1	4.94	"	79.1		101	50-150				
N-MeFOSE	33.2	1.98	"	39.5		84.1	50-150				
N-MeFOSA	4.25	0.198	"	3.95		107	50-150				
N-EtFOSE	40.4	1.98	"	39.5		102	50-150				
N-EtFOSA	3.55	0.198	"	3.95		89.8	50-150				
Surrogate: M3PFBS	*2.35*		"	*2.30*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.66*		"	*2.47*		*108*	*25-150*				
Surrogate: M4PFHpA	*1.85*		"	*2.47*		*75.0*	*25-150*				
Surrogate: M3PFHxS	*2.37*		"	*2.34*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.82*		"	*2.47*		*114*	*25-150*				
Surrogate: M6PFDA	*1.41*		"	*1.24*		*115*	*25-150*				
Surrogate: M7PFUdA	*1.29*		"	*1.24*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.874*		"	*1.24*		*70.8*	*25-150*				
Surrogate: M2PFTeDA	*0.696*		"	*1.24*		*56.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.87*		"	*9.88*		*99.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.58*		"	*2.37*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.08*		"	*4.94*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.66*		"	*2.47*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.63*		"	*4.94*		*93.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.87*		"	*4.94*		*98.6*	*25-150*				
Surrogate: M2-6:2 FTS	*3.85*		"	*4.70*		*81.9*	*25-200*				
Surrogate: M2-8:2 FTS	*4.31*		"	*4.74*		*90.8*	*25-200*				
Surrogate: M9PFNA	*1.33*		"	*1.24*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*5.17*		"	*4.63*		*112*	*25-150*				
Surrogate: d-N-MeFOSA	*1.55*		"	*2.47*		*62.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.29*		"	*2.47*		*52.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.0*		"	*9.88*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.3*		"	*24.7*		*62.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.8*		"	*24.7*		*76.3*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
LCS (BJ41660-BS2) LCS								Prepared: 10/24/2024 Analyzed: 10/25/2024			
Perfluorobutanesulfonic acid (PFBS)	0.635	0.175	ug/kg wet	0.700		90.7	50-150				
Perfluorohexanoic acid (PFHxA)	0.690	0.198	"	0.791		87.3	50-150				
Perfluoroheptanoic acid (PFHpA)	0.948	0.198	"	0.791		120	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.673	0.181	"	0.723		93.0	50-150				
Perfluorooctanoic acid (PFOA)	0.614	0.198	"	0.791		77.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.811	0.184	"	0.735		110	50-150				
Perfluorononanoic acid (PFNA)	0.681	0.198	"	0.791		86.2	50-150				
Perfluorodecanoic acid (PFDA)	0.535	0.198	"	0.791		67.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.782	0.198	"	0.791		99.0	50-150				
Perfluorododecanoic acid (PFDoA)	0.688	0.198	"	0.791		87.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.742	0.198	"	0.791		93.8	50-150				
Perfluorotetradecanoic acid (PFTA)	0.810	0.198	"	0.791		102	50-150				
N-MeFOSAA	0.804	0.198	"	0.791		102	50-150				
N-EtFOSAA	0.666	0.198	"	0.791		84.3	50-150				
Perfluoropentanoic acid (PFPeA)	1.48	0.395	"	1.58		93.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.646	0.198	"	0.791		81.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.775	0.198	"	0.755		103	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.478	0.191	"	0.763		62.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.78	0.751	"	3.00		92.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.96	0.759	"	3.04		97.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.80	0.791	"	3.16		88.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.36	0.352	"	1.41		97.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.55	0.395	"	1.58		98.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.122	0.395	"	1.58		7.69	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	2.24	0.395	"	1.58		142	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.738	0.186	"	0.743		99.3	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.50	0.741	"	2.96		84.2	50-150				
HFPO-DA (Gen-X)	1.47	0.791	"	1.58		92.7	50-150				
11CL-PF3OUdS	0.967	0.747	"	1.49		64.7	50-150				
9CL-PF3ONS	1.13	0.739	"	1.48		76.3	50-150				
ADONA	1.28	0.747	"	1.49		85.8	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.489	0.192	"	0.767		63.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.654	0.190	"	0.759		86.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.55	0.988	"	3.16		49.1	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	14.4	4.94	"	15.8		90.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	15.0	4.94	"	15.8		94.6	50-150				
N-MeFOSE	8.08	1.98	"	7.91		102	50-150				
N-MeFOSA	0.895	0.198	"	0.791		113	50-150				
N-EtFOSE	8.59	1.98	"	7.91		109	50-150				
N-EtFOSA	0.717	0.198	"	0.791		90.7	50-150				
Surrogate: M3PFBS	*2.27*		"	*2.30*		*98.6*	*25-150*				
Surrogate: M5PFHxA	*2.80*		"	*2.47*		*113*	*25-150*				
Surrogate: M4PFHpA	*1.97*		"	*2.47*		*79.8*	*25-150*				
Surrogate: M3PFHxS	*2.28*		"	*2.34*		*97.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.03*		"	*2.47*		*123*	*25-150*				
Surrogate: M6PFDA	*1.37*		"	*1.24*		*111*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.24*		*91.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.801*		"	*1.24*		*64.8*	*25-150*				
Surrogate: M2PFTeDA	*0.632*		"	*1.24*		*51.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
LCS (BJ41660-BS2) LCS									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.200*		*ug/kg wet*	*9.88*		*2.03*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.17*		*"*	*2.37*		*91.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.89*		*"*	*4.94*		*58.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.34*		*"*	*2.47*		*94.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		*"*	*4.94*		*82.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.58*		*"*	*4.94*		*92.7*	*25-150*				
Surrogate: M2-6:2 FTS	*3.59*		*"*	*4.70*		*76.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.64*		*"*	*4.74*		*76.7*	*25-200*				
Surrogate: M9PFNA	*1.19*		*"*	*1.24*		*96.2*	*25-150*				
Surrogate: M2-4:2 FTS	*5.11*		*"*	*4.63*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*1.34*		*"*	*2.47*		*54.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.25*		*"*	*2.47*		*50.4*	*25-150*				
Surrogate: M3HFPO-DA	*11.3*		*"*	*9.88*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.0*		*"*	*24.7*		*60.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.3*		*"*	*24.7*		*70.0*	*25-150*				
Matrix Spike (BJ41660-MS1) Matrix Spike *Source sample: 24J1567-02 (PE75_18)									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Perfluorobutanesulfonic acid (PFBS)	3.83	0.200	ug/kg dry	3.99	ND	95.9	25-150				
Perfluorohexanoic acid (PFHxA)	4.54	0.226	"	4.51	ND	101	25-150				
Perfluoroheptanoic acid (PFHpA)	6.17	0.226	"	4.51	ND	137	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.37	0.206	"	4.13	ND	106	25-150				
Perfluorooctanoic acid (PFOA)	4.30	0.226	"	4.51	ND	95.2	25-150				
Perfluorooctanesulfonic acid (PFOS)	3.97	0.210	"	4.20	ND	94.7	25-150				
Perfluorononanoic acid (PFNA)	4.16	0.226	"	4.51	ND	92.3	25-150				
Perfluorodecanoic acid (PFDA)	3.73	0.226	"	4.51	ND	82.6	25-150				
Perfluoroundecanoic acid (PFUnA)	4.79	0.226	"	4.51	ND	106	25-150				
Perfluorododecanoic acid (PFDoA)	4.47	0.226	"	4.51	ND	99.0	25-150				
Perfluorotridecanoic acid (PFTrDA)	5.16	0.226	"	4.51	ND	114	25-150				
Perfluorotetradecanoic acid (PFTA)	5.19	0.226	"	4.51	ND	115	25-150				
N-MeFOSAA	4.61	0.226	"	4.51	ND	102	25-150				
N-EtFOSAA	4.63	0.226	"	4.51	ND	103	25-150				
Perfluoropentanoic acid (PFPeA)	8.87	0.451	"	9.03	ND	98.2	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.34	0.226	"	4.51	ND	74.0	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.77	0.226	"	4.31	ND	87.5	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.12	0.218	"	4.36	ND	94.6	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.8	0.858	"	17.2	ND	92.0	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	18.3	0.867	"	17.3	ND	106	25-150				
Perfluoro-n-butanoic acid (PFBA)	17.6	0.903	"	18.1	ND	97.4	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.39	0.402	"	8.03	ND	117	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.97	0.451	"	9.03	ND	99.4	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	5.16	0.451	"	9.03	ND	57.1	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.33	0.451	"	9.03	ND	92.3	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.63	0.212	"	4.24	ND	109	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.6	0.846	"	16.9	ND	86.1	25-150				
HFPO-DA (Gen-X)	8.04	0.903	"	9.03	ND	89.1	25-150				
11CL-PF3OUdS	9.45	0.853	"	8.53	ND	111	25-150				
9CL-PF3ONS	10.2	0.844	"	8.44	ND	121	25-150				
ADONA	8.71	0.853	"	8.53	ND	102	25-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
Matrix Spike (BJ41660-MS1) Matrix Spike	*Source sample: 24J1567-02 (PE75_18)							Prepared: 10/24/2024 Analyzed: 10/25/2024			
Perfluorododecanesulfonic acid (PFDoS)	2.76	0.219	ug/kg dry	4.38	ND	63.0	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.15	0.217	"	4.33	ND	95.8	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	10.5	1.13	"	18.1	ND	57.9	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	60.6	5.64	"	90.3	ND	67.1	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	72.1	5.64	"	90.3	ND	79.9	25-150				
N-MeFOSE	38.9	2.26	"	45.1	ND	86.3	25-150				
N-MeFOSA	4.88	0.226	"	4.51	ND	108	25-150				
N-EtFOSE	49.8	2.26	"	45.1	ND	110	25-150				
N-EtFOSA	4.72	0.226	"	4.51	ND	104	25-150				
Surrogate: M3PFBS	*2.43*		"	*2.63*		*92.3*	*25-150*				
Surrogate: M5PFHxA	*2.56*		"	*2.82*		*90.7*	*25-150*				
Surrogate: M4PFHpA	*2.06*		"	*2.82*		*72.9*	*25-150*				
Surrogate: M3PFHxS	*2.54*		"	*2.67*		*94.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.67*		"	*2.82*		*94.8*	*25-150*				
Surrogate: M6PFDA	*1.50*		"	*1.41*		*106*	*25-150*				
Surrogate: M7PFUdA	*1.20*		"	*1.41*		*85.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.979*		"	*1.41*		*69.4*	*25-150*				
Surrogate: M2PFTeDA	*0.708*		"	*1.41*		*50.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.28*		"	*11.3*		*29.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.90*		"	*2.70*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.72*		"	*5.64*		*83.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.82*		"	*2.82*		*64.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.19*		"	*5.64*		*92.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.51*		"	*5.64*		*97.7*	*25-150*				
Surrogate: M2-6:2 FTS	*5.10*		"	*5.37*		*95.1*	*25-200*				
Surrogate: M2-8:2 FTS	*5.85*		"	*5.42*		*108*	*25-200*				
Surrogate: M9PFNA	*1.23*		"	*1.41*		*86.9*	*25-150*				
Surrogate: M2-4:2 FTS	*5.71*		"	*5.29*		*108*	*25-150*				
Surrogate: d-N-MeFOSA	*1.07*		"	*2.82*		*37.8*	*25-150*				
Surrogate: d-N-EtFOSA	*0.830*		"	*2.82*		*29.4*	*25-150*				
Surrogate: M3HFPO-DA	*9.29*		"	*11.3*		*82.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.3*		"	*28.2*		*36.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.0*		"	*28.2*		*46.2*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41660 - EPA 1633 Prep											
Matrix Spike Dup (BJ41660-M Matrix Spike Dup	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
Perfluorobutanesulfonic acid (PFBS)	3.55	0.201	ug/kg dry	4.01	ND	88.6	25-150		7.52	35	
Perfluorohexanoic acid (PFHxA)	4.19	0.227	"	4.53	ND	92.4	25-150		8.19	35	
Perfluoroheptanoic acid (PFHpA)	5.71	0.227	"	4.53	ND	126	25-150		7.76	35	
Perfluorohexanesulfonic acid (PFHxS)	4.19	0.207	"	4.15	ND	101	25-150		4.29	35	
Perfluorooctanoic acid (PFOA)	4.17	0.227	"	4.53	ND	92.1	25-150		2.90	35	
Perfluorooctanesulfonic acid (PFOS)	3.66	0.211	"	4.21	ND	86.9	25-150		8.10	35	
Perfluorononanoic acid (PFNA)	4.68	0.227	"	4.53	ND	103	25-150		11.7	35	
Perfluorodecanoic acid (PFDA)	4.06	0.227	"	4.53	ND	89.5	25-150		8.41	35	
Perfluoroundecanoic acid (PFUnA)	5.26	0.227	"	4.53	ND	116	25-150		9.36	35	
Perfluorododecanoic acid (PFDoA)	4.23	0.227	"	4.53	ND	93.3	25-150		5.53	35	
Perfluorotridecanoic acid (PFTrDA)	4.90	0.227	"	4.53	ND	108	25-150		5.04	35	
Perfluorotetradecanoic acid (PFTA)	3.97	0.227	"	4.53	ND	87.6	25-150		26.7	35	
N-MeFOSAA	4.43	0.227	"	4.53	ND	97.8	25-150		4.00	35	
N-EtFOSAA	4.73	0.227	"	4.53	ND	104	25-150		2.01	35	
Perfluoropentanoic acid (PFPeA)	8.89	0.453	"	9.06	ND	98.1	25-150		0.215	35	
Perfluoro-1-octanesulfonamide (FOSA)	3.13	0.227	"	4.53	ND	69.1	25-150		6.35	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.47	0.227	"	4.33	ND	80.2	25-150		8.27	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.60	0.219	"	4.37	ND	82.4	25-150		13.4	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.4	0.861	"	17.2	ND	89.3	25-150		2.64	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	17.3	0.870	"	17.4	ND	99.3	25-150		5.76	35	
Perfluoro-n-butanoic acid (PFBA)	17.0	0.906	"	18.1	ND	94.1	25-150		3.12	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.99	0.403	"	8.07	ND	111	25-150		4.33	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.18	0.453	"	9.06	ND	90.3	25-150		9.26	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	8.24	0.453	"	9.06	ND	90.9	25-150		46.0	30	Non-dir.
Perfluoro-5-oxahexanoic acid (PFMBA)	8.34	0.453	"	9.06	ND	92.0	25-150		0.135	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4.25	0.213	"	4.26	ND	99.8	25-150		8.61	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	14.6	0.850	"	17.0	ND	86.1	25-150		0.366	30	
HFPO-DA (Gen-X)	7.44	0.906	"	9.06	ND	82.1	25-150		7.77	30	
11CL-PF3OUdS	9.41	0.856	"	8.56	ND	110	25-150		0.449	30	
9CL-PF3ONS	9.71	0.847	"	8.47	ND	115	25-150		5.23	30	
ADONA	8.45	0.856	"	8.56	ND	98.6	25-150		3.11	30	
Perfluorododecanesulfonic acid (PFDoS)	2.50	0.220	"	4.40	ND	57.0	25-150		9.67	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	3.60	0.218	"	4.35	ND	82.7	25-150		14.3	30	
3-Perfluoropropyl propanoic acid (FPrPA)	11.6	1.13	"	18.1	ND	64.1	25-150		10.5	30	
3-Perfluoropentyl propanoic acid (FPePA)	63.1	5.66	"	90.6	ND	69.6	25-150		3.99	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	75.7	5.66	"	90.6	ND	83.6	25-150		4.94	30	
N-MeFOSE	40.4	2.27	"	45.3	ND	89.1	25-150		3.62	30	
N-MeFOSA	4.72	0.227	"	4.53	ND	104	25-150		3.21	30	
N-EtFOSE	49.7	2.27	"	45.3	ND	110	25-150		0.127	30	
N-EtFOSA	4.69	0.227	"	4.53	ND	103	25-150		0.542	30	
Surrogate: M3PFBS	*2.42*		"	*2.64*		*91.8*	*25-150*				
Surrogate: M5PFHxA	*2.63*		"	*2.83*		*92.9*	*25-150*				
Surrogate: M4PFHpA	*2.05*		"	*2.83*		*72.5*	*25-150*				
Surrogate: M3PFHxS	*2.54*		"	*2.68*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.61*		"	*2.83*		*92.0*	*25-150*				
Surrogate: M6PFDA	*1.33*		"	*1.42*		*94.1*	*25-150*				
Surrogate: M7PFUdA	*1.05*		"	*1.42*		*74.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.888*		"	*1.42*		*62.7*	*25-150*				
Surrogate: M2PFTeDA	*0.682*		"	*1.42*		*48.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BJ41660 - EPA 1633 Prep

Matrix Spike Dup (BJ41660-M Matrix Spike Dup *Source sample: 24J1567-02 (PE75_18) Prepared: 10/24/2024 Analyzed: 10/25/2024

Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.0*		*ug/kg dry*	*11.3*		*88.4*	*25-150*			
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.13*		*"*	*2.71*		*115*	*25-150*			
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.82*		*"*	*5.66*		*85.1*	*25-150*			
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.05*		*"*	*2.83*		*72.2*	*10-150*			
Surrogate: d3-N-MeFOSAA	*5.25*		*"*	*5.66*		*92.8*	*25-150*			
Surrogate: d5-N-EtFOSAA	*5.82*		*"*	*5.66*		*103*	*25-150*			
Surrogate: M2-6:2 FTS	*5.62*		*"*	*5.39*		*104*	*25-200*			
Surrogate: M2-8:2 FTS	*6.96*		*"*	*5.44*		*128*	*25-200*			
Surrogate: M9PFNA	*1.15*		*"*	*1.42*		*81.5*	*25-150*			
Surrogate: M2-4:2 FTS	*5.68*		*"*	*5.31*		*107*	*25-150*			
Surrogate: d-N-MeFOSA	*1.06*		*"*	*2.83*		*37.5*	*25-150*			
Surrogate: d-N-EtFOSA	*0.885*		*"*	*2.83*		*31.3*	*25-150*			
Surrogate: M3HFPO-DA	*9.61*		*"*	*11.3*		*84.8*	*25-150*			
Surrogate: d9-N-EtFOSE	*9.59*		*"*	*28.3*		*33.9*	*25-150*			
Surrogate: d7-N-MeFOSE	*12.6*		*"*	*28.3*		*44.3*	*25-150*			

Batch BJ41825 - EPA 1633 Prep

Blank (BJ41825-BLK1) Blank Prepared: 10/27/2024 Analyzed: 10/28/2024

Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	2.00	"							
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"							
Perfluorooctanoic acid (PFOA)	ND	2.00	"							
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"							
Perfluorononanoic acid (PFNA)	ND	2.00	"							
Perfluorodecanoic acid (PFDA)	ND	2.00	"							
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"							
Perfluorododecanoic acid (PFDoA)	ND	2.00	"							
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"							
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"							
N-MeFOSAA	ND	2.00	"							
N-EtFOSAA	ND	2.00	"							
Perfluoropentanoic acid (PFPeA)	ND	4.00	"							
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"							
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"							
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"							
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"							
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"							
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"							
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"							
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"							
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"							
HFPO-DA (Gen-X)	ND	8.00	"							
11CL-PF3OUdS	ND	7.56	"							

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41825 - EPA 1633 Prep											
Blank (BJ41825-BLK1) Blank									Prepared: 10/27/2024 Analyzed: 10/28/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*27.5*		"	*23.3*		*118*	*25-150*				
Surrogate: M5PFHxA	*28.8*		"	*25.0*		*115*	*25-150*				
Surrogate: M4PFHpA	*26.5*		"	*25.0*		*106*	*25-150*				
Surrogate: M3PFHxS	*30.2*		"	*23.7*		*127*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.6*		"	*25.0*		*122*	*25-150*				
Surrogate: M6PFDA	*15.6*		"	*12.5*		*125*	*25-150*				
Surrogate: M7PFUdA	*12.7*		"	*12.5*		*102*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.5*		"	*12.5*		*91.9*	*25-150*				
Surrogate: M2PFTeDA	*9.48*		"	*12.5*		*75.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.02*		"	*100*		*3.02*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*30.6*		"	*24.0*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*32.5*		"	*50.0*		*65.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.9*		"	*25.0*		*116*	*10-150*				
Surrogate: d3-N-MeFOSAA	*57.0*		"	*50.0*		*114*	*25-150*				
Surrogate: d5-N-EtFOSAA	*67.4*		"	*50.0*		*135*	*25-150*				
Surrogate: M2-6:2 FTS	*16.0*		"	*47.6*		*33.7*	*25-200*				
Surrogate: M2-8:2 FTS	*32.4*		"	*48.0*		*67.6*	*25-200*				
Surrogate: M9PFNA	*16.5*		"	*12.5*		*132*	*25-150*				
Surrogate: M2-4:2 FTS	*12.6*		"	*46.9*		*26.9*	*25-150*				
Surrogate: d-N-MeFOSA	*12.2*		"	*25.0*		*48.9*	*25-150*				
Surrogate: d-N-EtFOSA	*10.5*		"	*25.0*		*42.2*	*25-150*				
Surrogate: M3HFPO-DA	*59.0*		"	*100*		*59.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*274*		"	*250*		*109*	*25-150*				
Surrogate: d7-N-MeFOSE	*361*		"	*250*		*144*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41825 - EPA 1633 Prep											
LCS (BJ41825-BS1) LCS								Prepared: 10/27/2024 Analyzed: 10/28/2024			
Perfluorobutanesulfonic acid (PFBS)	33.5	1.77	ng/L	35.4		94.5	50-150				
Perfluorohexanoic acid (PFHxA)	39.5	2.00	"	40.0		98.8	50-150				
Perfluoroheptanoic acid (PFHpA)	48.4	2.00	"	40.0		121	50-150				
Perfluorohexanesulfonic acid (PFHxS)	38.4	1.83	"	36.6		105	50-150				
Perfluorooctanoic acid (PFOA)	36.1	2.00	"	40.0		90.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	35.0	1.86	"	37.2		94.1	50-150				
Perfluorononanoic acid (PFNA)	34.8	2.00	"	40.0		87.1	50-150				
Perfluorodecanoic acid (PFDA)	26.4	2.00	"	40.0		65.9	50-150				
Perfluoroundecanoic acid (PFUnA)	45.8	2.00	"	40.0		114	50-150				
Perfluorododecanoic acid (PFDoA)	34.5	2.00	"	40.0		86.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	43.5	2.00	"	40.0		109	50-150				
Perfluorotetradecanoic acid (PFTA)	41.8	2.00	"	40.0		105	50-150				
N-MeFOSAA	39.2	2.00	"	40.0		97.9	50-150				
N-EtFOSAA	38.8	2.00	"	40.0		97.0	50-150				
Perfluoropentanoic acid (PFPeA)	80.9	4.00	"	80.0		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	36.7	2.00	"	40.0		91.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	37.7	1.91	"	38.2		98.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	42.1	1.93	"	38.6		109	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	166	7.60	"	152		109	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	163	7.68	"	154		106	50-150				
Perfluoro-n-butanoic acid (PFBA)	138	8.00	"	160		86.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	74.8	3.56	"	71.2		105	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	89.3	4.00	"	80.0		112	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	13.7	4.00	"	80.0		17.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	120	4.00	"	80.0		150	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	38.7	1.88	"	37.6		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	135	7.50	"	150		90.2	50-150				
HFPO-DA (Gen-X)	96.4	8.00	"	80.0		121	50-150				
11CL-PF3OUdS	157	7.56	"	75.6		207	50-150	High Bias			
9CL-PF3ONS	167	7.48	"	74.8		224	50-150	High Bias			
ADONA	159	7.56	"	75.6		211	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	34.9	1.94	"	38.8		90.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	43.0	1.92	"	38.4		112	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	56.4	5.00	"	160		35.3	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	617	25.0	"	800		77.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	735	25.0	"	800		91.9	50-150				
N-MeFOSE	344	20.0	"	400		86.0	50-150				
N-MeFOSA	48.7	2.00	"	40.0		122	50-150				
N-EtFOSE	380	20.0	"	400		95.0	50-150				
N-EtFOSA	30.2	2.00	"	40.0		75.5	50-150				
Surrogate: M3PFBS	*28.5*		*"*	*23.3*		*122*	*25-150*				
Surrogate: M5PFHxA	*29.7*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M4PFHpA	*27.1*		*"*	*25.0*		*108*	*25-150*				
Surrogate: M3PFHxS	*31.7*		*"*	*23.7*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*36.5*		*"*	*25.0*		*146*	*25-150*				
Surrogate: M6PFDA	*21.6*		*"*	*12.5*		*173*	*25-150*				
Surrogate: M7PFUdA	*18.2*		*"*	*12.5*		*146*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.1*		*"*	*12.5*		*129*	*25-150*				
Surrogate: M2PFTeDA	*12.8*		*"*	*12.5*		*102*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41825 - EPA 1633 Prep											
LCS (BJ41825-BS1) LCS								Prepared: 10/27/2024 Analyzed: 10/28/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.96*		*ng/L*	*100*		*2.96*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.5*		*"*	*24.0*		*131*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*30.0*		*"*	*50.0*		*60.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.4*		*"*	*25.0*		*122*	*10-150*				
Surrogate: d3-N-MeFOSAA	*61.6*		*"*	*50.0*		*123*	*25-150*				
Surrogate: d5-N-EtFOSAA	*73.8*		*"*	*50.0*		*148*	*25-150*				
Surrogate: M2-6:2 FTS	*18.8*		*"*	*47.6*		*39.5*	*25-200*				
Surrogate: M2-8:2 FTS	*36.8*		*"*	*48.0*		*76.8*	*25-200*				
Surrogate: M9PFNA	*16.5*		*"*	*12.5*		*132*	*25-150*				
Surrogate: M2-4:2 FTS	*15.4*		*"*	*46.9*		*32.8*	*25-150*				
Surrogate: d-N-MeFOSA	*13.7*		*"*	*25.0*		*54.8*	*25-150*				
Surrogate: d-N-EtFOSA	*14.2*		*"*	*25.0*		*56.7*	*25-150*				
Surrogate: M3HFPO-DA	*63.3*		*"*	*100*		*63.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*308*		*"*	*250*		*123*	*25-150*				
Surrogate: d7-N-MeFOSE	*388*		*"*	*250*		*155*	*25-150*				
LCS (BJ41825-BS2) LCS								Prepared: 10/27/2024 Analyzed: 10/28/2024			
Perfluorobutanesulfonic acid (PFBS)	7.52	1.77	ng/L	7.08		106	50-150				
Perfluorohexanoic acid (PFHxA)	7.92	2.00	"	8.00		99.1	50-150				
Perfluoroheptanoic acid (PFHpA)	10.1	2.00	"	8.00		126	50-150				
Perfluorohexanesulfonic acid (PFHxS)	8.25	1.83	"	7.32		113	50-150				
Perfluorooctanoic acid (PFOA)	6.73	2.00	"	8.00		84.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	7.59	1.86	"	7.44		102	50-150				
Perfluorononanoic acid (PFNA)	8.99	2.00	"	8.00		112	50-150				
Perfluorodecanoic acid (PFDA)	6.00	2.00	"	8.00		75.0	50-150				
Perfluoroundecanoic acid (PFUnA)	9.56	2.00	"	8.00		119	50-150				
Perfluorododecanoic acid (PFDoA)	6.80	2.00	"	8.00		85.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	9.34	2.00	"	8.00		117	50-150				
Perfluorotetradecanoic acid (PFTA)	8.83	2.00	"	8.00		110	50-150				
N-MeFOSAA	8.75	2.00	"	8.00		109	50-150				
N-EtFOSAA	8.45	2.00	"	8.00		106	50-150				
Perfluoropentanoic acid (PFPeA)	16.7	4.00	"	16.0		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.89	2.00	"	8.00		98.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.45	1.91	"	7.64		97.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	10.3	1.93	"	7.72		133	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	32.4	7.60	"	30.4		107	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	31.5	7.68	"	30.7		103	50-150				
Perfluoro-n-butanoic acid (PFBA)	30.3	8.00	"	32.0		94.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.4	3.56	"	14.2		108	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	21.4	4.00	"	16.0		134	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	3.04	4.00	"	16.0		19.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	21.7	4.00	"	16.0		136	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.63	1.88	"	7.52		101	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	30.5	7.50	"	30.0		102	50-150				
HFPO-DA (Gen-X)	21.2	8.00	"	16.0		133	50-150				
11CL-PF3OUdS	26.2	7.56	"	15.1		174	50-150	High Bias			
9CL-PF3ONS	28.4	7.48	"	15.0		190	50-150	High Bias			
ADONA	26.5	7.56	"	15.1		175	50-150	High Bias			

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41825 - EPA 1633 Prep											
LCS (BJ41825-BS2) LCS								Prepared: 10/27/2024 Analyzed: 10/28/2024			
Perfluorododecanesulfonic acid (PFDoS)	7.12	1.94	ng/L	7.76		91.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	9.21	1.92	"	7.68		120	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	11.5	5.00	"	32.0		35.8	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	123	25.0	"	160		77.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	147	25.0	"	160		91.7	50-150				
N-MeFOSE	77.6	20.0	"	80.0		97.0	50-150				
N-MeFOSA	10.3	2.00	"	8.00		128	50-150				
N-EtFOSE	77.5	20.0	"	80.0		96.9	50-150				
N-EtFOSA	7.71	2.00	"	8.00		96.4	50-150				
Surrogate: M3PFBS	*24.9*		"	*23.3*		*107*	*25-150*				
Surrogate: M5PFHxA	*28.2*		"	*25.0*		*113*	*25-150*				
Surrogate: M4PFHpA	*24.2*		"	*25.0*		*96.8*	*25-150*				
Surrogate: M3PFHxS	*28.6*		"	*23.7*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.4*		"	*25.0*		*130*	*25-150*				
Surrogate: M6PFDA	*17.4*		"	*12.5*		*139*	*25-150*				
Surrogate: M7PFUdA	*14.4*		"	*12.5*		*115*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.9*		"	*12.5*		*111*	*25-150*				
Surrogate: M2PFTeDA	*10.7*		"	*12.5*		*85.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.19*		"	*100*		*3.19*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*26.3*		"	*24.0*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*38.7*		"	*50.0*		*77.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.0*		"	*25.0*		*99.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.8*		"	*50.0*		*97.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*60.3*		"	*50.0*		*121*	*25-150*				
Surrogate: M2-6:2 FTS	*14.6*		"	*47.6*		*30.8*	*25-200*				
Surrogate: M2-8:2 FTS	*28.4*		"	*48.0*		*59.2*	*25-200*				
Surrogate: M9PFNA	*12.6*		"	*12.5*		*100*	*25-150*				
Surrogate: M2-4:2 FTS	*12.0*		"	*46.9*		*25.7*	*25-150*				
Surrogate: d-N-MeFOSA	*11.5*		"	*25.0*		*45.9*	*25-150*				
Surrogate: d-N-EtFOSA	*10.7*		"	*25.0*		*42.7*	*25-150*				
Surrogate: M3HFPO-DA	*69.0*		"	*100*		*69.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*292*		"	*250*		*117*	*25-150*				
Surrogate: d7-N-MeFOSE	*329*		"	*250*		*132*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41812 - EPA 3550C											
Blank (BJ41812-BLK1) Blank									Prepared: 10/27/2024 Analyzed: 10/28/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0649*		*"*	*0.0664*		*97.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0818*		*"*	*0.0664*		*123*	*30-150*				
LCS (BJ41812-BS1) LCS									Prepared: 10/27/2024 Analyzed: 10/28/2024		
4,4'-DDD	0.0326	0.00164	mg/kg wet	0.0332		98.2	40-140				
4,4'-DDE	0.0348	0.00164	"	0.0332		105	40-140				
4,4'-DDT	0.0349	0.00164	"	0.0332		105	40-140				
Aldrin	0.0348	0.00164	"	0.0332		105	40-140				
alpha-BHC	0.0363	0.00164	"	0.0332		109	40-140				
alpha-Chlordane	0.0354	0.00164	"	0.0332		107	40-140				
beta-BHC	0.0387	0.00164	"	0.0332		117	40-140				
delta-BHC	0.0334	0.00164	"	0.0332		100	40-140				
Dieldrin	0.0366	0.00164	"	0.0332		110	40-140				
Endosulfan I	0.0360	0.00164	"	0.0332		108	40-140				
Endosulfan II	0.0363	0.00164	"	0.0332		109	40-140				
Endosulfan sulfate	0.0317	0.00164	"	0.0332		95.3	40-140				
Endrin	0.0389	0.00164	"	0.0332		117	40-140				
Endrin aldehyde	0.0345	0.00164	"	0.0332		104	40-140				
Endrin ketone	0.0337	0.00164	"	0.0332		101	40-140				
gamma-BHC (Lindane)	0.0362	0.00164	"	0.0332		109	40-140				
gamma-Chlordane	0.0351	0.00164	"	0.0332		106	40-140				
Heptachlor	0.0354	0.00164	"	0.0332		106	40-140				
Heptachlor epoxide	0.0362	0.00164	"	0.0332		109	40-140				
Methoxychlor	0.0348	0.00164	"	0.0332		105	40-140				
Surrogate: Decachlorobiphenyl	*0.0627*		*"*	*0.0664*		*94.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0793*		*"*	*0.0664*		*119*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41812 - EPA 3550C											
Matrix Spike (BJ41812-MS1) Matrix Spike	*Source sample: 24J1567-02 (PE75_18)							Prepared: 10/27/2024 Analyzed: 10/28/2024			
4,4'-DDD	0.0306	0.00188	mg/kg dry	0.0379	ND	80.6	30-150				
4,4'-DDE	0.0300	0.00188	"	0.0379	ND	79.0	30-150				
4,4'-DDT	0.0331	0.00188	"	0.0379	ND	87.2	30-150				
Aldrin	0.0354	0.00188	"	0.0379	ND	93.4	30-150				
alpha-BHC	0.0446	0.00188	"	0.0379	ND	117	30-150				
alpha-Chlordane	0.0310	0.00188	"	0.0379	ND	81.8	30-150				
beta-BHC	0.0541	0.00188	"	0.0379	ND	143	30-150				
delta-BHC	0.0297	0.00188	"	0.0379	ND	78.3	30-150				
Dieldrin	0.0326	0.00188	"	0.0379	ND	86.0	30-150				
Endosulfan I	0.0315	0.00188	"	0.0379	ND	83.1	30-150				
Endosulfan II	0.0324	0.00188	"	0.0379	ND	85.3	30-150				
Endosulfan sulfate	0.0274	0.00188	"	0.0379	ND	72.1	30-150				
Endrin	0.0282	0.00188	"	0.0379	ND	74.2	30-150				
Endrin aldehyde	0.0325	0.00188	"	0.0379	ND	85.8	30-150				
Endrin ketone	0.0356	0.00188	"	0.0379	ND	93.9	30-150				
gamma-BHC (Lindane)	0.0340	0.00188	"	0.0379	ND	89.5	30-150				
gamma-Chlordane	0.0308	0.00188	"	0.0379	ND	81.3	30-150				
Heptachlor	0.0393	0.00188	"	0.0379	ND	104	30-150				
Heptachlor epoxide	0.0318	0.00188	"	0.0379	ND	83.9	30-150				
Methoxychlor	0.0358	0.00188	"	0.0379	ND	94.2	30-150				
Surrogate: Decachlorobiphenyl	*0.0570*		*"*	*0.0759*		*75.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0934*		*"*	*0.0759*		*123*	*30-150*				
Matrix Spike Dup (BJ41812-M Matrix Spike Dup	*Source sample: 24J1567-02 (PE75_18)							Prepared: 10/27/2024 Analyzed: 10/28/2024			
4,4'-DDD	0.0273	0.00188	mg/kg dry	0.0379	ND	72.0	30-150		11.3	30	
4,4'-DDE	0.0273	0.00188	"	0.0379	ND	71.8	30-150		9.52	30	
4,4'-DDT	0.0299	0.00188	"	0.0379	ND	78.8	30-150		10.1	30	
Aldrin	0.0336	0.00188	"	0.0379	ND	88.5	30-150		5.43	30	
alpha-BHC	0.0406	0.00188	"	0.0379	ND	107	30-150		9.26	30	
alpha-Chlordane	0.0285	0.00188	"	0.0379	ND	75.2	30-150		8.34	30	
beta-BHC	0.0503	0.00188	"	0.0379	ND	133	30-150		7.20	30	
delta-BHC	0.0286	0.00188	"	0.0379	ND	75.3	30-150		3.91	30	
Dieldrin	0.0297	0.00188	"	0.0379	ND	78.3	30-150		9.34	30	
Endosulfan I	0.0289	0.00188	"	0.0379	ND	76.1	30-150		8.73	30	
Endosulfan II	0.0284	0.00188	"	0.0379	ND	74.8	30-150		13.1	30	
Endosulfan sulfate	0.0237	0.00188	"	0.0379	ND	62.4	30-150		14.4	30	
Endrin	0.0303	0.00188	"	0.0379	ND	80.0	30-150		7.51	30	
Endrin aldehyde	0.0278	0.00188	"	0.0379	ND	73.3	30-150		15.7	30	
Endrin ketone	0.0316	0.00188	"	0.0379	ND	83.3	30-150		12.0	30	
gamma-BHC (Lindane)	0.0302	0.00188	"	0.0379	ND	79.7	30-150		11.6	30	
gamma-Chlordane	0.0286	0.00188	"	0.0379	ND	75.3	30-150		7.73	30	
Heptachlor	0.0981	0.00188	"	0.0379	ND	259	30-150	High Bias	85.5	30	Non-dir.
Heptachlor epoxide	0.0295	0.00188	"	0.0379	ND	77.8	30-150		7.50	30	
Methoxychlor	0.0304	0.00188	"	0.0379	ND	80.0	30-150		16.3	30	
Surrogate: Decachlorobiphenyl	*0.0529*		*"*	*0.0759*		*69.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0798*		*"*	*0.0759*		*105*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41812 - EPA 3550C											
Blank (BJ41812-BLK2) Blank									Prepared: 10/27/2024 Analyzed: 10/28/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0741*		*"*	*0.0664*		*112*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0498*		*"*	*0.0664*		*75.0*	*30-120*				
LCS (BJ41812-BS2) LCS									Prepared: 10/27/2024 Analyzed: 10/28/2024		
Aroclor 1016	0.307	0.0166	mg/kg wet	0.332		92.5	40-130				
Aroclor 1260	0.326	0.0166	"	0.332		98.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0684*		*"*	*0.0664*		*103*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0505*		*"*	*0.0664*		*76.0*	*30-120*				
Matrix Spike (BJ41812-MS2) Matrix Spike *Source sample: 24J1567-02 (PE75_18)									Prepared: 10/27/2024 Analyzed: 10/28/2024		
Aroclor 1016	0.199	0.0190	mg/kg dry	0.379	ND	52.5	40-140				
Aroclor 1260	0.252	0.0190	"	0.379	ND	66.5	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0580*		*"*	*0.0759*		*76.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0406*		*"*	*0.0759*		*53.5*	*30-120*				
Matrix Spike Dup (BJ41812-M Matrix Spike Dup *Source sample: 24J1567-02 (PE75_18)									Prepared: 10/27/2024 Analyzed: 10/28/2024		
Aroclor 1016	0.180	0.0190	mg/kg dry	0.379	ND	47.5	40-140		10.2	50	
Aroclor 1260	0.238	0.0190	"	0.379	ND	62.7	40-140		5.85	50	
Surrogate: Tetrachloro-m-xylene	*0.0558*		*"*	*0.0759*		*73.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0425*		*"*	*0.0759*		*56.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41796 - EPA 3550C/8151A											
Blank (BJ41796-BLK1) Blank								Prepared: 10/26/2024 Analyzed: 10/27/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.310*		*"*	*0.415*		*74.6*	*21-150*				
LCS (BJ41796-BS1) LCS								Prepared: 10/26/2024 Analyzed: 10/27/2024			
2,4,5-T	0.0532	0.0199	mg/kg wet	0.0664		80.0	10-120				
2,4,5-TP (Silvex)	0.0606	0.0199	"	0.0664		91.2	10-120				
2,4-D	0.0540	0.0199	"	0.0664		81.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.355*		*"*	*0.415*		*85.6*	*21-150*				
Matrix Spike (BJ41796-MS1) Matrix Spike *Source sample: 24J1567-02 (PE75_18)								Prepared: 10/26/2024 Analyzed: 10/27/2024			
2,4,5-T	0.0451	0.0225	mg/kg dry	0.0751	ND	60.0	10-120				
2,4,5-TP (Silvex)	0.0573	0.0225	"	0.0751	ND	76.2	10-120				
2,4-D	15.5	0.0225	"	0.0751	ND	NR	10-118	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.351*		*"*	*0.470*		*74.8*	*21-150*				
Matrix Spike Dup (BJ41796-M Matrix Spike Dup *Source sample: 24J1567-02 (PE75_18)								Prepared: 10/26/2024 Analyzed: 10/27/2024			
2,4,5-T	0.205	0.0225	mg/kg dry	0.0751	ND	272	10-120	High Bias	128	35	Non-dir.
2,4,5-TP (Silvex)	0.238	0.0225	"	0.0751	ND	316	10-120	High Bias	122	35	Non-dir.
2,4-D	14.2	0.0225	"	0.0751	ND	NR	10-118	High Bias	8.26	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.316*		*"*	*0.470*		*67.2*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41824 - EPA 3050B											
Blank (BJ41824-BLK1) Blank									Prepared: 10/27/2024 Analyzed: 10/28/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BJ41824-DUP1) Duplicate *Source sample: 24J1567-02 (PE75_18)									Prepared: 10/27/2024 Analyzed: 10/28/2024		
Aluminum	5040	4.76	mg/kg dry		5080				0.620	35	
Antimony	ND	2.38	"		ND					35	
Arsenic	3.71	1.43	"		3.37				9.68	35	
Barium	110	2.38	"		149				30.3	35	
Beryllium	0.314	0.048	"		0.297				5.61	35	
Cadmium	ND	0.285	"		ND					35	
Calcium	3560	4.76	"		2900				20.2	35	
Chromium	11.9	0.476	"		11.6				2.83	35	
Cobalt	4.33	0.380	"		4.15				4.26	35	
Copper	27.2	1.90	"		27.8				2.39	35	
Iron	18200	23.8	"		15500				15.7	35	
Lead	370	0.476	"		173				72.8	35	Non-dir.
Magnesium	1600	4.76	"		1320				19.2	35	
Manganese	138	0.476	"		128				7.76	35	
Nickel	15.2	0.948	"		12.5				19.2	35	
Potassium	563	4.76	"		536				4.84	35	
Selenium	ND	2.38	"		ND					35	
Silver	ND	0.480	"		ND					35	
Sodium	133	47.6	"		119				11.7	35	
Thallium	ND	2.38	"		ND					35	
Vanadium	15.4	0.948	"		15.1				2.00	35	
Zinc	107	2.37	"		115				7.19	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41824 - EPA 3050B											
Matrix Spike (BJ41824-MS1) Matrix Spike	*Source sample: 24J1567-02 (PE75_18)							Prepared: 10/27/2024 Analyzed: 10/28/2024			
Aluminum	4670	4.76	mg/kg dry	190	5080	NR	75-125	Low Bias			
Antimony	15.9	2.38	"	23.8	ND	66.9	75-125	Low Bias			
Arsenic	195	1.43	"	190	3.37	101	75-125				
Barium	312	2.38	"	190	149	85.5	75-125				
Beryllium	5.17	0.048	"	4.76	0.297	102	75-125				
Cadmium	4.62	0.285	"	4.76	ND	97.0	75-125				
Calcium	8290	4.76	"	95.2	2900	NR	75-125	High Bias			
Chromium	28.3	0.476	"	19.0	11.6	87.5	75-125				
Cobalt	51.5	0.380	"	47.6	4.15	99.4	75-125				
Copper	52.6	1.90	"	23.8	27.8	104	75-125				
Iron	25600	23.8	"	95.2	15500	NR	75-125	High Bias			
Lead	262	0.476	"	47.6	173	187	75-125	High Bias			
Magnesium	1600	4.76	"	95.2	1320	302	75-125	High Bias			
Manganese	236	0.476	"	47.6	128	228	75-125	High Bias			
Nickel	65.2	0.948	"	47.6	12.5	111	75-125				
Potassium	535	4.76	"	95.2	536	NR	75-125	Low Bias			
Selenium	179	2.38	"	190	ND	94.2	75-125				
Silver	4.89	0.480	"	4.76	ND	103	75-125				
Sodium	247	47.6	"	95.2	119	135	75-125	High Bias			
Thallium	190	2.38	"	190	ND	99.9	75-125				
Vanadium	60.3	0.948	"	47.6	15.1	95.0	75-125				
Zinc	188	2.37	"	47.6	115	153	75-125	High Bias			
Post Spike (BJ41824-PS1) Post Spike	*Source sample: 24J1567-02 (PE75_18)							Prepared: 10/27/2024 Analyzed: 10/28/2024			
Aluminum	55.0		ug/mL	2.00	53.3	82.2	75-125				
Antimony	0.259		"	0.250	-0.004	103	75-125				
Arsenic	2.05		"	2.00	0.035	101	75-125				
Barium	3.58		"	2.00	1.57	101	75-125				
Beryllium	0.055		"	0.0500	0.003	103	75-125				
Cadmium	0.048		"	0.0500	0.002	92.6	75-125				
Calcium	31.2		"	1.00	30.5	65.5	75-125	Low Bias			
Chromium	0.313		"	0.200	0.122	95.7	75-125				
Cobalt	0.542		"	0.500	0.044	99.8	75-125				
Copper	0.559		"	0.250	0.292	107	75-125				
Iron	162		"	1.00	163	NR	75-125	Low Bias			
Lead	2.31		"	0.500	1.81	99.3	75-125				
Magnesium	14.6		"	1.00	13.8	78.5	75-125				
Manganese	1.82		"	0.500	1.34	96.1	75-125				
Nickel	0.626		"	0.500	0.132	98.8	75-125				
Potassium	6.69		"	1.00	5.63	106	75-125				
Selenium	1.90		"	2.00	0.005	94.6	75-125				
Silver	0.068		"	0.0500	0.002	133	75-125	High Bias			
Sodium	2.28		"	1.00	1.25	103	75-125				
Thallium	2.02		"	2.00	-0.001	101	75-125				
Vanadium	0.641		"	0.500	0.159	96.4	75-125				
Zinc	1.67		"	0.500	1.21	91.6	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41824 - EPA 3050B											
Reference (BJ41824-SRM1) Reference									Prepared: 10/27/2024 Analyzed: 10/28/2024		
Aluminum	6570	4.17	mg/kg wet	7680		85.6	35.7-119				
Antimony	83.5	2.08	"	244		34.2	0-99.5				
Arsenic	257	1.25	"	283		90.9	69.9-101.4				
Barium	303	2.08	"	326		93.0	73.9-107.1				
Beryllium	171	0.042	"	175		97.9	75.4-107.4				
Cadmium	80.1	0.250	"	95.8		83.6	72.3-103.7				
Calcium	5730	4.17	"	5470		105	79.5-113.2				
Chromium	218	0.417	"	239		91.0	72.4-106.3				
Cobalt	141	0.333	"	150		94.2	76-107.3				
Copper	218	1.67	"	217		101	74.7-105.1				
Iron	6760	20.8	"	7360		91.9	53-127.9				
Lead	206	0.417	"	210		98.1	75.7-109.5				
Magnesium	1840	4.17	"	2080		88.4	67.3-111.1				
Manganese	305	0.417	"	290		105	73.4-108.3				
Nickel	303	0.830	"	329		92.1	74.5-106.7				
Potassium	2260	4.17	"	2330		97.0	60.9-111.6				
Selenium	274	2.08	"	281		97.7	77.6-116.7				
Silver	78.1	0.420	"	82.7		94.4	73.7-111.7				
Sodium	424	41.7	"	427		99.3	71.2-118.7				
Thallium	115	2.08	"	123		93.3	70.2-104.8				
Vanadium	172	0.830	"	192		89.7	68.8-107.8				
Zinc	229	2.08	"	260		88.0	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41797 - EPA 7473 soil											
Blank (BJ41797-BLK1) Blank								Prepared: 10/26/2024 Analyzed: 10/29/2024			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BJ41797-DUP1) Duplicate	*Source sample: 24J1567-02 (PE75_18)							Prepared: 10/26/2024 Analyzed: 10/29/2024			
Mercury	0.0992	0.0343	mg/kg dry		0.279				95.0	35	Non-dir.
Matrix Spike (BJ41797-MS1) Matrix Spike	*Source sample: 24J1567-02 (PE75_18)							Prepared: 10/26/2024 Analyzed: 10/29/2024			
Mercury	0.589		mg/kg	0.500	0.244	69.0	75-125	Low Bias			
Reference (BJ41797-SRM1) Reference								Prepared: 10/26/2024 Analyzed: 10/29/2024			
Mercury	17.235		mg/kg	18.2		94.7	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41671 - Analysis Preparation Soil											
Blank (BJ41671-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BJ41671-DUP1) Duplicate	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
Cyanide, total	ND	0.571	mg/kg dry		ND					15	
Matrix Spike (BJ41671-MS1) Matrix Spike	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
Cyanide, total	4.54	0.571	mg/kg dry	5.71	ND	79.5	79.6-107	Low Bias			
Matrix Spike Dup (BJ41671-M Matrix Spike Dup	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
Cyanide, total	5.97	0.571	mg/kg dry	5.71	ND	105	79.6-107		27.2	200	
Reference (BJ41671-SRM1) Reference									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Cyanide, total	52.5		ug/mL	100		52.5	0-200				
Batch BJ41676 - EPA SW846-3060											
Blank (BJ41676-BLK1) Blank									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BJ41676-DUP1) Duplicate	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
Chromium, Hexavalent	ND	0.571	mg/kg dry		ND					35	
Matrix Spike (BJ41676-MS1) Matrix Spike	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
Chromium, Hexavalent	23.0	0.571	mg/kg dry	22.8	ND	101	75-125				
Matrix Spike Dup (BJ41676-M Matrix Spike Dup	*Source sample: 24J1567-02 (PE75_18)								Prepared: 10/24/2024 Analyzed: 10/25/2024		
Chromium, Hexavalent	21.3	0.571	mg/kg dry	22.8	ND	93.2	75-125		7.64	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41676 - EPA SW846-3060											
Reference (BJ41676-SRM1) Reference									Prepared: 10/24/2024 Analyzed: 10/25/2024		
Chromium, Hexavalent	260		mg/L	227		115	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41760 - % Solids Prep											
Duplicate (BJ41760-DUP1) Duplicate	*Source sample: 24J1567-02 (PE75_18)								Prepared & Analyzed: 10/25/2024		
% Solids	91.2	0.100	%		87.6				4.01	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J1567-01	PE74_19	40mL Vial with Stir Bar-Cool 4° C
24J1567-02	PE75_18	40mL Vial with Stir Bar-Cool 4° C
24J1567-04	TB_10232024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24T1567

Page 1 of 1

Report To:
Company: LANGAN
Address: 300 Kimball Dr Parsippany, NJ 07054
Phone: 973-560-4900
Contact: Lauren Kott
E-mail: lkott@langan.com

Invoice To:
Company:
Address: SAME
Phone:
Contact:
E-mail:

YOUR Project Name / Number: 100688801 / 12096 Flatlands Ave

PO Number:

Samples Collected From: NY X, NJ, CT, PA, Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Daniel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp.
PE74_19	10/23	1300	S	3									1	X	X	X	X	X	X	X	X	X	G
PE75_18	10/23	1315	S	3									1	X	X	X	X	X	X	X	X	X	G
FB_10232024	10/23	1400	AQ	2																	X		C
TB_10232024					2									X									

Comments: Additional volume provided for MS/MSD on PE75_18

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Completed: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: LANGAN	Date/Time: 10/23 15:17	1. Samples Received by / Company: Akrar Habib	Date/Time: 10/23/24 15:17
2. Samples Received by / Company:	Date/Time:	3. Samples Relinquished by / Company:	Date/Time:
4. Samples Relinquished by / Company:	Date/Time:	4. Samples Received by / Company:	Date/Time:

2. Samples Relinquished by / Company: Akrar Habib	Date/Time: 10/23/24	21:00
3. Samples Received by / Company:	Date/Time:	
Samples Received in LAB by: Maxero	Date/Time: 10/23/24	21:00

Temperature: 2.9 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 11/08/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J1650

Revision No. **1.0**

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 11/08/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J1650

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 24, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J1650-01	PE56_15.5	Soil	10/24/2024	10/24/2024
24J1650-02	FB_10242024	Water	10/24/2024	10/24/2024
24J1650-03	EB_10242024	Water	10/24/2024	10/24/2024
24J1650-04	TB_10242024	Water	10/24/2024	10/24/2024

General Notes for York Project (SDG) No.: 24J1650

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 11/08/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0082**	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.040**	CCVE, ICVE	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0055	0.011	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C	10/28/2024 12:45	10/28/2024 17:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0927	0.185	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.371	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.186	0.371	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.371	2	EPA 8270D	10/29/2024 10:28	10/30/2024 12:52	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*78.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*73.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*88.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/25/2024 08:43	10/28/2024 15:13	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*98.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.126	0.202	1	EPA 1633 Draft 3	10/26/2024 09:58	10/29/2024 07:21	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0603	0.228	1	EPA 1633 Draft 3	10/26/2024 09:58	10/29/2024 07:21	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.228	1	EPA 1633 Draft 3	10/26/2024 09:58	10/29/2024 07:21	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.204	0.208	1	EPA 1633 Draft 3	10/26/2024 09:58	10/29/2024 07:21	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.196	0.228	1	EPA 1633 Draft 3	10/26/2024 09:58	10/29/2024 07:21	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.190	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.215	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.217	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.186	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.142	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.117	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.169	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.221	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.124	0.455	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.166	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.176	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.217	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.677	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.860	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.124	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.158	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/26/2024 09:58	10/29/2024 07:21	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.220	0.455	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/26/2024 09:58	10/29/2024 07:21	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0706	0.455	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/26/2024 09:58	10/29/2024 07:21	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.109	0.455	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/26/2024 09:58	10/29/2024 07:21	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.179	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.677	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.692	0.911	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.354	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.280	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.198	0.861	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.192	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/26/2024 09:58	10/29/2024 07:21	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.141	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/26/2024 09:58	10/29/2024 07:21	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.722	1.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/26/2024 09:58	10/29/2024 07:21	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.39	5.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/26/2024 09:58	10/29/2024 07:21	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.71	5.69	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/26/2024 09:58	10/29/2024 07:21	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.696	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/26/2024 09:58	10/29/2024 07:21	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.205	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/26/2024 09:58	10/29/2024 07:21	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.794	2.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/26/2024 09:58	10/29/2024 07:21	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.225	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/26/2024 09:58	10/29/2024 07:21	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*86.1 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*99.1 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*85.9 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*94.0 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*111 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*94.0 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*66.3 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*54.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*32.9 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*100 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*95.9 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*96.5 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*98.8 %*	*10-150*

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*89.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*62.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*91.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*86.9 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*83.9 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*36.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*24.8 %*	PFSu-L		*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*91.6 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*37.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*43.8 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.187	5	EPA 8081B	10/29/2024 08:24	10/29/2024 20:59	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*102 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A	10/29/2024 08:24	10/30/2024 01:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	10/29/2024 08:24	10/30/2024 01:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	10/29/2024 08:24	10/30/2024 01:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	10/29/2024 08:24	10/30/2024 01:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	10/29/2024 08:24	10/30/2024 01:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	10/29/2024 08:24	10/30/2024 01:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	10/29/2024 08:24	10/30/2024 01:55	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	10/29/2024 08:24	10/30/2024 01:55	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-120*

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0227	1	EPA 8151A	10/26/2024 08:08	10/27/2024 16:44	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0227	1	EPA 8151A	10/26/2024 08:08	10/27/2024 16:44	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0227	1	EPA 8151A	10/26/2024 08:08	10/27/2024 16:44	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*55.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9690**		mg/kg dry	4.77	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.39	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.85**		mg/kg dry	1.43	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**39.3**		mg/kg dry	2.38	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.236**		mg/kg dry	0.048	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.706**		mg/kg dry	0.286	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1260**		mg/kg dry	4.77	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**20.6**		mg/kg dry	0.478	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**5.12**		mg/kg dry	0.381	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**16.1**		mg/kg dry	1.91	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**31300**		mg/kg dry	23.9	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**114**		mg/kg dry	0.478	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2000**		mg/kg dry	4.78	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**231**		mg/kg dry	0.478	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.5**		mg/kg dry	0.951	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**690**		mg/kg dry	4.78	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.39	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.481	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**169**		mg/kg dry	47.7	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.39	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.3**		mg/kg dry	0.951	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**589**		mg/kg dry	2.38	1	EPA 6010D	10/28/2024 14:42	10/29/2024 15:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0344	1	EPA 7473	10/29/2024 13:29	10/30/2024 13:55	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.573	1	EPA 7196A	11/06/2024 09:25	11/06/2024 16:29	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE56_15.5 **York Sample ID:** 24J1650-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Soil	October 24, 2024 12:05 pm	10/24/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**20.6**		mg/kg	0.500	1	Calculation	10/30/2024 17:34	10/30/2024 17:44	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.573	1	EPA 9014/9010C	10/28/2024 22:50	10/28/2024 23:03	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**87.3**		%	0.100	1	SM 2540G	10/28/2024 09:13	10/28/2024 14:15	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**5.59**		ug/L	0.422	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:38	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.0 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.4 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.3 %*	*70-130*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	CCVE, ICVE	ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND	QL-02	ug/L	5.00	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E, QL-02	ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	5.00	10.0	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	10/29/2024 09:04	10/29/2024 19:13	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.9 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.9 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*113 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*88.5 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*189 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*107 %*	S-08	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	**Benzo(a)anthracene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.770**	CCVE, QL-02	ug/L	0.500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	**Chrysene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.110**		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**0.350**		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	ICVE	ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	**Phenanthrene**	**0.110**		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.100**		ug/L	0.0500	1	EPA 8270D SIM	10/29/2024 09:04	10/29/2024 17:56	LL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	10/28/2024 08:34	10/30/2024 12:33	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.441	1.66	1	EPA 1633 Draft 3	10/28/2024 11:45	10/29/2024 18:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.328	1.88	1	EPA 1633 Draft 3	10/28/2024 11:45	10/29/2024 18:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.666	1.88	1	EPA 1633 Draft 3	10/28/2024 11:45	10/29/2024 18:46	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.638	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.394	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.769	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.488	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.704	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.06	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.826	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.694	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.647	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.741	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.966	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.216	3.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.826	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.854	1.79	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.24	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	0.994	7.13	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.92	7.20	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.310	7.50	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.469	3.34	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/28/2024 11:45	10/29/2024 18:46	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.01	3.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/28/2024 11:45	10/29/2024 18:46	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.235	3.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/28/2024 11:45	10/29/2024 18:46	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.347	3.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/28/2024 11:45	10/29/2024 18:46	AM

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.713	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.68	7.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.03	7.50	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.29	7.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.657	7.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
919005-14-4	ADONA	ND		ng/L	0.497	7.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.872	1.82	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 18:46	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.807	1.80	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/28/2024 11:45	10/29/2024 18:46	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.90	4.69	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 18:46	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.88	23.5	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 18:46	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.88	23.5	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 18:46	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.74	18.8	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 18:46	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.48	1.88	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 18:46	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.74	18.8	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 18:46	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.69	1.88	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 18:46	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*104 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*119 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*113 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*144 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*145 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*121 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*97.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*66.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.31 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*113 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*67.2 %*		*25-150*

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*124 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*116 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*78.3 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*84.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*138 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*117 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*92.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*117 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*70.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*84.8 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	10/27/2024 08:18	10/28/2024 21:18	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	10/27/2024 08:18	10/29/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	10/27/2024 08:18	10/29/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	10/27/2024 08:18	10/29/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	10/27/2024 08:18	10/29/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	10/27/2024 08:18	10/29/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	10/27/2024 08:18	10/29/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	10/27/2024 08:18	10/29/2024 20:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	10/27/2024 08:18	10/29/2024 20:14	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*64.0 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*35.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	10/28/2024 08:30	10/30/2024 11:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	10/28/2024 08:30	10/30/2024 11:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	10/28/2024 08:30	10/30/2024 11:15	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (*	*93.2 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.286**	B	mg/L	0.0556	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**0.0929**	B	mg/L	0.0556	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**1.10**		mg/L	0.556	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	10/29/2024 08:45	10/30/2024 11:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	10/29/2024 08:37	10/29/2024 15:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	10/29/2024 08:37	10/29/2024 15:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	10/29/2024 08:37	10/29/2024 15:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	10/29/2024 08:37	10/29/2024 15:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	10/29/2024 08:37	10/29/2024 15:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	10/29/2024 08:37	10/29/2024 15:15	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	10/28/2024 08:48	10/28/2024 08:48	PFA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: FB_10242024 **York Sample ID:** 24J1650-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:00 pm	10/24/2024

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	10/24/2024 21:08	10/24/2024 22:19	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	10/30/2024 17:47	10/30/2024 17:50	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	10/25/2024 08:21	10/25/2024 14:56	PMB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: EB_10242024 **York Sample ID:** 24J1650-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:30 pm	10/24/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.443	1.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.330	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.670	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.642	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.396	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.774	1.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.491	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.708	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.830	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.698	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.651	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.745	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.972	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.217	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.830	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.858	1.80	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.25	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.00	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.93	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.311	7.55	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM

Sample Information

Client Sample ID: EB_10242024 **York Sample ID:** 24J1650-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:30 pm	10/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.472	3.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/28/2024 11:45	10/29/2024 19:02	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.02	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/28/2024 11:45	10/29/2024 19:02	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.236	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/28/2024 11:45	10/29/2024 19:02	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.349	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/28/2024 11:45	10/29/2024 19:02	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.717	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.69	7.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.05	7.55	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.30	7.13	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.660	7.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
919005-14-4	ADONA	ND		ng/L	0.500	7.13	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.877	1.83	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 19:02	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.811	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/28/2024 11:45	10/29/2024 19:02	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.92	4.72	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 19:02	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.92	23.6	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 19:02	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.93	23.6	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 19:02	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.76	18.9	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 19:02	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.49	1.89	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 19:02	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.76	18.9	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 19:02	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.70	1.89	1	EPA 1633 Draft 3 Certifications:	10/28/2024 11:45	10/29/2024 19:02	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*128 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*96.7 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*128 %*	*25-150*

Sample Information

Client Sample ID: EB_10242024 **York Sample ID:** 24J1650-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:30 pm	10/24/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*146 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*153 %*	PFSu-H		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*149 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*109 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*70.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.01 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*93.8 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*124 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*98.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*115 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*86.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*89.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*116 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*123 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*99.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*128 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*75.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*84.8 %*			*25-150*						

Sample Information

Client Sample ID: TB_10242024 **York Sample ID:** 24J1650-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:30 pm	10/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10242024 **York Sample ID:** 24J1650-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:30 pm	10/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**1.17**		ug/L	0.422	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10242024 **York Sample ID:** 24J1650-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:30 pm	10/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10242024 **York Sample ID:** 24J1650-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1650	100688801	Water	October 24, 2024 1:30 pm	10/24/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/28/2024 13:53	10/28/2024 18:14	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.6 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.3 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.2 %*	*70-130*

Analytical Batch Summary

Batch ID: BJ41702 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-02	FB_10242024	10/24/24
BJ41702-BLK1	Blank	10/24/24
BJ41702-BS1	LCS	10/24/24
BJ41702-DUP1	Duplicate	10/24/24
BJ41702-MS1	Matrix Spike	10/24/24
BJ41702-MSD1	Matrix Spike Dup	10/24/24

Batch ID: BJ41724 **Preparation Method:** Analysis Preparation **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-02	FB_10242024	10/25/24
BJ41724-BLK1	Blank	10/25/24
BJ41724-BS1	LCS	10/25/24
BJ41724-DUP1	Duplicate	10/25/24
BJ41724-MS1	Matrix Spike	10/25/24
BJ41724-MSD1	Matrix Spike Dup	10/25/24

Batch ID: BJ41736 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-01	PE56_15.5	10/25/24
BJ41736-BLK1	Blank	10/25/24
BJ41736-BS1	LCS	10/25/24

Batch ID: BJ41796 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-01	PE56_15.5	10/26/24
BJ41796-BLK1	Blank	10/26/24
BJ41796-BS1	LCS	10/26/24

Batch ID: BJ41802 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-01	PE56_15.5	10/26/24
BJ41802-BLK1	Blank	10/26/24
BJ41802-BS1	LCS	10/26/24
BJ41802-BS2	LCS	10/26/24

Batch ID: BJ41817 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** GXB

YORK Sample ID	Client Sample ID	Preparation Date

24J1650-02	FB_10242024	10/27/24
24J1650-02	FB_10242024	10/27/24
BJ41817-BLK1	Blank	10/27/24
BJ41817-BLK2	Blank	10/27/24
BJ41817-BS1	LCS	10/27/24
BJ41817-BS2	LCS	10/27/24
BJ41817-BSD1	LCS Dup	10/27/24
BJ41817-BSD2	LCS Dup	10/27/24

Batch ID: BJ41854 **Preparation Method:** EPA 8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-02	FB_10242024	10/28/24
BJ41854-BLK1	Blank	10/28/24
BJ41854-BS1	LCS	10/28/24
BJ41854-BSD1	LCS Dup	10/28/24

Batch ID: BJ41856 **Preparation Method:** EPA 3535A **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-02	FB_10242024	10/28/24
BJ41856-BLK1	Blank	10/28/24
BJ41856-BS1	LCS	10/28/24

Batch ID: BJ41868 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-02	FB_10242024	10/28/24
BJ41868-BLK1	Blank	10/28/24
BJ41868-BLK2	Blank	10/28/24
BJ41868-BS1	LCS	10/28/24
BJ41868-BS2	LCS	10/28/24

Batch ID: BJ41870 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-01	PE56_15.5	10/28/24

Batch ID: BJ41890 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-02	FB_10242024	10/28/24
24J1650-03	EB_10242024	10/28/24
BJ41890-BLK1	Blank	10/28/24
BJ41890-BS1	LCS	10/28/24
BJ41890-BS2	LCS	10/28/24

Batch ID: BJ41896 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-01	PE56_15.5	10/28/24
BJ41896-BLK1	Blank	10/28/24
BJ41896-SRM1	Reference	10/28/24

Batch ID: BJ41900 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-01	PE56_15.5	10/28/24
BJ41900-BLK1	Blank	10/28/24
BJ41900-SRM1	Reference	10/28/24

Batch ID: BJ41946 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-02	FB_10242024	10/29/24
BJ41946-BLK1	Blank	10/29/24
BJ41946-BLK2	Blank	10/29/24
BJ41946-BS1	LCS	10/29/24
BJ41946-BS2	LCS	10/29/24
BJ41946-BSD1	LCS Dup	10/29/24

Batch ID: BJ41951 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-01	PE56_15.5	10/29/24
24J1650-01	PE56_15.5	10/29/24
BJ41951-BLK1	Blank	10/29/24
BJ41951-BLK2	Blank	10/29/24
BJ41951-BS1	LCS	10/29/24
BJ41951-BS2	LCS	10/29/24
BJ41951-MS1	Matrix Spike	10/29/24
BJ41951-MS2	Matrix Spike	10/29/24
BJ41951-MSD1	Matrix Spike Dup	10/29/24
BJ41951-MSD2	Matrix Spike Dup	10/29/24

Batch ID: BJ41958 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-02	FB_10242024	10/29/24
BJ41958-BLK1	Blank	10/29/24
BJ41958-BS1	LCS	10/29/24

Batch ID: BJ41961 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date

24J1650-02	FB_10242024	10/29/24
BJ41961-BLK1	Blank	10/29/24
BJ41961-BS1	LCS	10/29/24

Batch ID: BJ41967 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-01	PE56_15.5	10/29/24
BJ41967-BLK1	Blank	10/29/24
BJ41967-BS1	LCS	10/29/24

Batch ID: BJ41987 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-01	PE56_15.5	10/29/24
BJ41987-BLK1	Blank	10/29/24
BJ41987-SRM1	Reference	10/29/24

Batch ID: BJ42090 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-02	FB_10242024	10/28/24
24J1650-04	TB_10242024	10/28/24
BJ42090-BLK1	Blank	10/28/24
BJ42090-BS1	LCS	10/28/24
BJ42090-BSD1	LCS Dup	10/28/24

Batch ID: BJ42093 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-01	PE56_15.5	10/28/24
BJ42093-BLK1	Blank	10/28/24
BJ42093-BS1	LCS	10/28/24
BJ42093-BSD1	LCS Dup	10/28/24

Batch ID: BJ42127 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-01	PE56_15.5	10/30/24

Batch ID: BJ42128 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-02	FB_10242024	10/30/24

Batch ID: BK40350 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24J1650-01	PE56_15.5	11/06/24
BK40350-BLK1	Blank	11/06/24
BK40350-DUP1	Duplicate	11/06/24
BK40350-MS1	Matrix Spike	11/06/24
BK40350-MSD1	Matrix Spike Dup	11/06/24
BK40350-SRM1	Reference	11/06/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42090 - EPA 5030B											
Blank (BJ42090-BLK1) Blank									Prepared & Analyzed: 10/28/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	1.44	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42090 - EPA 5030B											
Blank (BJ42090-BLK1) Blank								Prepared & Analyzed: 10/28/2024			
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.05*		*"*	*10.0*		*80.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*11.6*		*"*	*10.0*		*116*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.96*		*"*	*10.0*		*89.6*	*70-130*				
LCS (BJ42090-BS1) LCS								Prepared & Analyzed: 10/28/2024			
1,1,1,2-Tetrachloroethane	12.4		ug/L	10.0		124	82-126			30	
1,1,1-Trichloroethane	11.1		"	10.0		111	70-130			20	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-130			20	
1,1,2-Trichloroethane	11.2		"	10.0		112	70-130			20	
1,1-Dichloroethane	11.2		"	10.0		112	70-130			20	
1,1-Dichloroethylene	11.8		"	10.0		118	70-130			20	
1,1-Dichloropropylene	11.5		"	10.0		115	83-133			30	
1,2,3-Trichlorobenzene	8.61		"	10.0		86.1	70-130			20	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128			30	
1,2,4-Trichlorobenzene	8.88		"	10.0		88.8	70-130			20	
1,2,4-Trimethylbenzene	11.5		"	10.0		115	82-132			20	
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	40-160			20	
1,2-Dibromoethane	10.8		"	10.0		108	70-130			20	
1,2-Dichlorobenzene	11.0		"	10.0		110	70-130			20	
1,2-Dichloroethane	10.0		"	10.0		100	70-130			20	
1,2-Dichloropropane	12.8		"	10.0		128	70-130			20	
1,3,5-Trimethylbenzene	11.9		"	10.0		119	80-131			30	
1,3-Dichlorobenzene	11.0		"	10.0		110	70-130			20	
1,3-Dichloropropane	11.4		"	10.0		114	81-125			30	
1,4-Dichlorobenzene	10.7		"	10.0		107	70-130			20	
1,4-Dioxane	211		"	210		100	40-160			20	
2,2-Dichloropropane	12.0		"	10.0		120	56-150			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42090 - EPA 5030B											
LCS (BJ42090-BS1) LCS								Prepared & Analyzed: 10/28/2024			
2-Butanone	10.3		ug/L	10.0		103	40-160			20	
2-Chlorotoluene	11.9		"	10.0		119	79-130			30	
2-Hexanone	9.83		"	10.0		98.3	40-160			20	
4-Chlorotoluene	12.0		"	10.0		120	79-128			30	
4-Methyl-2-pentanone	9.04		"	10.0		90.4	40-160			20	
Acetone	9.80		"	10.0		98.0	40-160			20	
Acrolein	0.990		"	10.0		9.90	10-153	Low Bias		30	
Acrylonitrile	9.77		"	10.0		97.7	51-150			30	
Benzene	11.7		"	10.0		117	70-130			20	
Bromobenzene	11.6		"	10.0		116	78-129			30	
Bromochloromethane	10.6		"	10.0		106	70-130			20	
Bromodichloromethane	12.2		"	10.0		122	70-130			20	
Bromoform	8.27		"	10.0		82.7	70-130			20	
Bromomethane	9.88		"	10.0		98.8	40-160			20	
Carbon disulfide	11.6		"	10.0		116	40-160			20	
Carbon tetrachloride	11.4		"	10.0		114	70-130			20	
Chlorobenzene	12.0		"	10.0		120	70-130			20	
Chloroethane	10.9		"	10.0		109	40-160			20	
Chloroform	11.0		"	10.0		110	70-130			20	
Chloromethane	10.0		"	10.0		100	40-160			20	
cis-1,2-Dichloroethylene	11.6		"	10.0		116	70-130			20	
cis-1,3-Dichloropropylene	11.8		"	10.0		118	70-130			20	
Cyclohexane	5.29		"	10.0		52.9	70-130	Low Bias		20	
Dibromochloromethane	9.72		"	10.0		97.2	70-130			20	
Dibromomethane	11.0		"	10.0		110	72-134			30	
Dichlorodifluoromethane	6.34		"	10.0		63.4	40-160			20	
Ethyl Benzene	13.8		"	10.0		138	70-130	High Bias		20	
Hexachlorobutadiene	7.98		"	10.0		79.8	67-146			30	
Isopropylbenzene	12.7		"	10.0		127	70-130			20	
Methyl acetate	8.55		"	10.0		85.5	70-130			20	
Methyl tert-butyl ether (MTBE)	9.11		"	10.0		91.1	70-130			20	
Methylcyclohexane	11.1		"	10.0		111	70-130			20	
Methylene chloride	10.9		"	10.0		109	70-130			20	
n-Butylbenzene	10.2		"	10.0		102	79-132			30	
n-Propylbenzene	12.3		"	10.0		123	78-133			30	
o-Xylene	12.7		"	10.0		127	70-130			20	
p- & m- Xylenes	26.7		"	20.0		133	70-130	High Bias		20	
p-Isopropyltoluene	11.1		"	10.0		111	81-136			30	
sec-Butylbenzene	10.8		"	10.0		108	79-137			30	
Styrene	12.9		"	10.0		129	70-130			20	
tert-Butyl alcohol (TBA)	30.0		"	50.0		60.1	25-162			30	
tert-Butylbenzene	10.2		"	10.0		102	77-138			30	
Tetrachloroethylene	12.2		"	10.0		122	70-130			20	
Toluene	13.4		"	10.0		134	70-130	High Bias		20	
trans-1,2-Dichloroethylene	11.9		"	10.0		119	70-130			20	
trans-1,3-Dichloropropylene	11.7		"	10.0		117	70-130			20	
Trichloroethylene	13.0		"	10.0		130	70-130			20	
Trichlorofluoromethane	10.4		"	10.0		104	40-160			20	
Vinyl Chloride	9.85		"	10.0		98.5	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*7.78*		*"*	*10.0*		*77.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*11.3*		*"*	*10.0*		*113*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42090 - EPA 5030B											
LCS (BJ42090-BS1) LCS								Prepared & Analyzed: 10/28/2024			
Surrogate: SURR: p-Bromofluorobenzene	*9.01*		*ug/L*	*10.0*		*90.1*	*70-130*				
LCS Dup (BJ42090-BSD1) LCS Dup								Prepared & Analyzed: 10/28/2024			
1,1,1,2-Tetrachloroethane	11.9		ug/L	10.0		119	82-126		4.19	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	70-130		5.83	20	
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	70-130		3.92	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78		"	10.0		97.8	70-130		7.01	20	
1,1,2-Trichloroethane	11.3		"	10.0		113	70-130		0.979	20	
1,1-Dichloroethane	10.7		"	10.0		107	70-130		4.64	20	
1,1-Dichloroethylene	10.7		"	10.0		107	70-130		9.57	20	
1,1-Dichloropropylene	10.9		"	10.0		109	83-133		5.62	30	
1,2,3-Trichlorobenzene	9.22		"	10.0		92.2	70-130		6.84	20	
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		1.41	30	
1,2,4-Trichlorobenzene	8.88		"	10.0		88.8	70-130		0.00	20	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		10.7	20	
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	40-160		1.97	20	
1,2-Dibromoethane	11.4		"	10.0		114	70-130		5.06	20	
1,2-Dichlorobenzene	10.5		"	10.0		105	70-130		4.55	20	
1,2-Dichloroethane	10.7		"	10.0		107	70-130		6.64	20	
1,2-Dichloropropane	12.1		"	10.0		121	70-130		6.19	20	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		12.0	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	70-130		8.14	20	
1,3-Dichloropropane	11.8		"	10.0		118	81-125		3.52	30	
1,4-Dichlorobenzene	9.94		"	10.0		99.4	70-130		7.08	20	
1,4-Dioxane	238		"	210		113	40-160		12.0	20	
2,2-Dichloropropane	11.3		"	10.0		113	56-150		6.11	30	
2-Butanone	7.65		"	10.0		76.5	40-160		29.2	20	Non-dir.
2-Chlorotoluene	10.6		"	10.0		106	79-130		10.9	30	
2-Hexanone	11.4		"	10.0		114	40-160		14.7	20	
4-Chlorotoluene	10.8		"	10.0		108	79-128		10.6	30	
4-Methyl-2-pentanone	10.2		"	10.0		102	40-160		12.2	20	
Acetone	11.2		"	10.0		112	40-160		13.2	20	
Acrolein	0.940		"	10.0		9.40	10-153	Low Bias	5.18	30	
Acrylonitrile	11.0		"	10.0		110	51-150		11.9	30	
Benzene	11.4		"	10.0		114	70-130		3.04	20	
Bromobenzene	10.9		"	10.0		109	78-129		5.86	30	
Bromochloromethane	11.1		"	10.0		111	70-130		4.80	20	
Bromodichloromethane	11.6		"	10.0		116	70-130		4.69	20	
Bromoform	8.80		"	10.0		88.0	70-130		6.21	20	
Bromomethane	9.09		"	10.0		90.9	40-160		8.33	20	
Carbon disulfide	10.7		"	10.0		107	40-160		8.42	20	
Carbon tetrachloride	10.8		"	10.0		108	70-130		5.95	20	
Chlorobenzene	11.4		"	10.0		114	70-130		5.31	20	
Chloroethane	10.1		"	10.0		101	40-160		7.41	20	
Chloroform	10.9		"	10.0		109	70-130		0.640	20	
Chloromethane	9.52		"	10.0		95.2	40-160		5.32	20	
cis-1,2-Dichloroethylene	11.4		"	10.0		114	70-130		1.75	20	
cis-1,3-Dichloropropylene	11.5		"	10.0		115	70-130		2.92	20	
Cyclohexane	4.99		"	10.0		49.9	70-130	Low Bias	5.84	20	
Dibromochloromethane	9.81		"	10.0		98.1	70-130		0.922	20	
Dibromomethane	11.0		"	10.0		110	72-134		0.818	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42090 - EPA 5030B											
LCS Dup (BJ42090-BSD1) LCS Dup							Prepared & Analyzed: 10/28/2024				
Dichlorodifluoromethane	5.83		ug/L	10.0		58.3	40-160		8.38	20	
Ethyl Benzene	12.5		"	10.0		125	70-130		9.95	20	
Hexachlorobutadiene	6.84		"	10.0		68.4	67-146		15.4	30	
Isopropylbenzene	11.2		"	10.0		112	70-130		12.7	20	
Methyl acetate	9.87		"	10.0		98.7	70-130		14.3	20	
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	70-130		14.1	20	
Methylcyclohexane	9.90		"	10.0		99.0	70-130		11.2	20	
Methylene chloride	10.9		"	10.0		109	70-130		0.183	20	
n-Butylbenzene	9.24		"	10.0		92.4	79-132		9.88	30	
n-Propylbenzene	11.0		"	10.0		110	78-133		11.9	30	
o-Xylene	11.8		"	10.0		118	70-130		7.12	20	
p- & m- Xylenes	24.6		"	20.0		123	70-130		7.87	20	
p-Isopropyltoluene	10.1		"	10.0		101	81-136		9.81	30	
sec-Butylbenzene	9.77		"	10.0		97.7	79-137		10.1	30	
Styrene	12.2		"	10.0		122	70-130		5.18	20	
tert-Butyl alcohol (TBA)	44.2		"	50.0		88.5	25-162		38.2	30	Non-dir.
tert-Butylbenzene	9.00		"	10.0		90.0	77-138		12.2	30	
Tetrachloroethylene	10.6		"	10.0		106	70-130		14.1	20	
Toluene	12.1		"	10.0		121	70-130		10.6	20	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	70-130		7.58	20	
trans-1,3-Dichloropropylene	12.0		"	10.0		120	70-130		2.45	20	
Trichloroethylene	11.5		"	10.0		115	70-130		12.1	20	
Trichlorofluoromethane	9.75		"	10.0		97.5	40-160		6.74	20	
Vinyl Chloride	9.00		"	10.0		90.0	70-130		9.02	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.65*		*"*	*10.0*		*86.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.8*		*"*	*10.0*		*108*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.96*		*"*	*10.0*		*89.6*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42093 - EPA 5035A											
Blank (BJ42093-BLK1) Blank									Prepared & Analyzed: 10/28/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42093 - EPA 5035A											
Blank (BJ42093-BLK1) Blank								Prepared & Analyzed: 10/28/2024			
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.1*	*76-130*				
LCS (BJ42093-BS1) LCS								Prepared & Analyzed: 10/28/2024			
1,1,1,2-Tetrachloroethane	49.4		ug/L	50.0		98.8	75-129			30	
1,1,1-Trichloroethane	49.0		"	50.0		98.1	70-130			30	
1,1,2,2-Tetrachloroethane	49.9		"	50.0		99.8	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.2		"	50.0		88.4	70-130			30	
1,1,2-Trichloroethane	47.4		"	50.0		94.8	70-130			30	
1,1-Dichloroethane	43.9		"	50.0		87.8	70-130			30	
1,1-Dichloroethylene	46.1		"	50.0		92.3	70-130			30	
1,1-Dichloropropylene	46.2		"	50.0		92.4	77-127			30	
1,2,3-Trichlorobenzene	48.8		"	50.0		97.7	70-130			30	
1,2,3-Trichloropropane	49.2		"	50.0		98.3	81-126			30	
1,2,4-Trichlorobenzene	51.6		"	50.0		103	70-130			30	
1,2,4-Trimethylbenzene	50.0		"	50.0		100	84-125			30	
1,2-Dibromo-3-chloropropane	52.8		"	50.0		106	40-160			30	
1,2-Dibromoethane	47.9		"	50.0		95.9	70-130			30	
1,2-Dichlorobenzene	48.2		"	50.0		96.3	70-130			30	
1,2-Dichloroethane	47.2		"	50.0		94.3	70-130			30	
1,2-Dichloropropane	47.2		"	50.0		94.5	70-130			30	
1,3,5-Trimethylbenzene	49.2		"	50.0		98.5	82-126			30	
1,3-Dichlorobenzene	47.8		"	50.0		95.7	70-130			30	
1,3-Dichloropropane	46.3		"	50.0		92.6	83-123			30	
1,4-Dichlorobenzene	47.2		"	50.0		94.4	70-130			30	
1,4-Dioxane	915		"	1050		87.2	40-160			30	
2,2-Dichloropropane	57.8		"	50.0		116	67-136			30	
2-Butanone	46.7		"	50.0		93.5	40-160			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42093 - EPA 5035A											
LCS (BJ42093-BS1) LCS								Prepared & Analyzed: 10/28/2024			
2-Chlorotoluene	48.6		ug/L	50.0		97.2	78-127			30	
2-Hexanone	49.5		"	50.0		99.0	40-160			30	
4-Chlorotoluene	48.8		"	50.0		97.5	79-125			30	
4-Methyl-2-pentanone	37.5		"	50.0		75.0	40-160			30	
Acetone	29.2		"	50.0		58.5	40-160			30	
Acrolein	2.34		"	50.0		4.68	10-238	Low Bias		30	
Acrylonitrile	48.8		"	50.0		97.7	66-141			30	
Benzene	46.9		"	50.0		93.8	70-130			30	
Bromobenzene	49.1		"	50.0		98.2	77-129			30	
Bromochloromethane	47.0		"	50.0		94.0	70-130			30	
Bromodichloromethane	47.5		"	50.0		95.0	70-130			30	
Bromoform	51.1		"	50.0		102	70-130			30	
Bromomethane	27.9		"	50.0		55.8	40-160			30	
Carbon disulfide	43.5		"	50.0		87.0	40-160			30	
Carbon tetrachloride	51.4		"	50.0		103	70-130			30	
Chlorobenzene	46.7		"	50.0		93.5	70-130			30	
Chloroethane	39.3		"	50.0		78.5	51-142			30	
Chloroform	46.0		"	50.0		92.1	70-130			30	
Chloromethane	39.0		"	50.0		78.0	49-132			30	
cis-1,2-Dichloroethylene	47.0		"	50.0		94.1	70-130			30	
cis-1,3-Dichloropropylene	50.0		"	50.0		100	70-130			30	
Cyclohexane	41.3		"	50.0		82.7	70-130			30	
Dibromochloromethane	48.6		"	50.0		97.1	70-130			30	
Dibromomethane	44.9		"	50.0		89.9	83-124			30	
Dichlorodifluoromethane	24.2		"	50.0		48.3	40-160			30	
Ethyl Benzene	49.0		"	50.0		98.0	70-130			30	
Hexachlorobutadiene	49.5		"	50.0		99.0	83-133			30	
Isopropylbenzene	49.5		"	50.0		99.1	70-130			30	
Methyl acetate	44.5		"	50.0		89.0	70-130			30	
Methyl tert-butyl ether (MTBE)	50.4		"	50.0		101	70-130			30	
Methylcyclohexane	44.2		"	50.0		88.3	70-130			30	
Methylene chloride	43.4		"	50.0		86.9	70-130			30	
n-Butylbenzene	50.0		"	50.0		99.9	80-130			30	
n-Propylbenzene	46.8		"	50.0		93.6	74-136			30	
o-Xylene	48.3		"	50.0		96.7	70-130			30	
p- & m- Xylenes	95.1		"	100		95.1	70-130			30	
p-Isopropyltoluene	51.3		"	50.0		103	85-125			30	
sec-Butylbenzene	50.4		"	50.0		101	83-125			30	
Styrene	50.0		"	50.0		99.9	70-130			30	
tert-Butyl alcohol (TBA)	291		"	250		117	70-130			30	
tert-Butylbenzene	42.6		"	50.0		85.2	80-127			30	
Tetrachloroethylene	43.2		"	50.0		86.4	70-130			30	
Toluene	46.5		"	50.0		93.0	70-130			30	
trans-1,2-Dichloroethylene	45.4		"	50.0		90.7	70-130			30	
trans-1,3-Dichloropropylene	54.2		"	50.0		108	70-130			30	
Trichloroethylene	46.4		"	50.0		92.8	70-130			30	
Trichlorofluoromethane	40.6		"	50.0		81.2	40-160			30	
Vinyl Chloride	39.6		"	50.0		79.2	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42093 - EPA 5035A											
LCS (BJ42093-BS1) LCS								Prepared & Analyzed: 10/28/2024			
LCS Dup (BJ42093-BSD1) LCS Dup								Prepared & Analyzed: 10/28/2024			
1,1,1,2-Tetrachloroethane	51.3		ug/L	50.0		103	75-129		3.85	30	
1,1,1-Trichloroethane	48.1		"	50.0		96.2	70-130		1.94	30	
1,1,2,2-Tetrachloroethane	50.0		"	50.0		99.9	70-130		0.100	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.0		"	50.0		97.9	70-130		10.3	30	
1,1,2-Trichloroethane	46.1		"	50.0		92.1	70-130		2.85	30	
1,1-Dichloroethane	48.4		"	50.0		96.7	70-130		9.60	30	
1,1-Dichloroethylene	50.5		"	50.0		101	70-130		9.06	30	
1,1-Dichloropropylene	49.4		"	50.0		98.9	77-127		6.76	30	
1,2,3-Trichlorobenzene	49.4		"	50.0		98.9	70-130		1.24	30	
1,2,3-Trichloropropane	50.5		"	50.0		101	81-126		2.67	30	
1,2,4-Trichlorobenzene	51.0		"	50.0		102	70-130		1.25	30	
1,2,4-Trimethylbenzene	48.6		"	50.0		97.2	84-125		2.92	30	
1,2-Dibromo-3-chloropropane	52.7		"	50.0		105	40-160		0.227	30	
1,2-Dibromoethane	48.6		"	50.0		97.2	70-130		1.33	30	
1,2-Dichlorobenzene	49.4		"	50.0		98.8	70-130		2.50	30	
1,2-Dichloroethane	49.8		"	50.0		99.5	70-130		5.35	30	
1,2-Dichloropropane	47.7		"	50.0		95.4	70-130		0.969	30	
1,3,5-Trimethylbenzene	48.3		"	50.0		96.6	82-126		1.97	30	
1,3-Dichlorobenzene	48.7		"	50.0		97.5	70-130		1.84	30	
1,3-Dichloropropane	47.7		"	50.0		95.3	83-123		2.87	30	
1,4-Dichlorobenzene	47.7		"	50.0		95.4	70-130		1.05	30	
1,4-Dioxane	907		"	1050		86.4	40-160		0.927	30	
2,2-Dichloropropane	62.4		"	50.0		125	67-136		7.62	30	
2-Butanone	48.8		"	50.0		97.7	40-160		4.41	30	
2-Chlorotoluene	48.0		"	50.0		96.1	78-127		1.10	30	
2-Hexanone	52.1		"	50.0		104	40-160		5.14	30	
4-Chlorotoluene	48.2		"	50.0		96.4	79-125		1.16	30	
4-Methyl-2-pentanone	39.3		"	50.0		78.7	40-160		4.74	30	
Acetone	31.4		"	50.0		62.8	40-160		7.09	30	
Acrolein	2.45		"	50.0		4.90	10-238	Low Bias	4.59	30	
Acrylonitrile	52.8		"	50.0		106	66-141		7.85	30	
Benzene	49.2		"	50.0		98.5	70-130		4.87	30	
Bromobenzene	49.9		"	50.0		99.8	77-129		1.60	30	
Bromochloromethane	50.0		"	50.0		100	70-130		6.12	30	
Bromodichloromethane	48.0		"	50.0		96.1	70-130		1.17	30	
Bromoform	52.4		"	50.0		105	70-130		2.51	30	
Bromomethane	30.2		"	50.0		60.3	40-160		7.71	30	
Carbon disulfide	48.6		"	50.0		97.2	40-160		11.1	30	
Carbon tetrachloride	48.8		"	50.0		97.6	70-130		5.11	30	
Chlorobenzene	47.5		"	50.0		94.9	70-130		1.55	30	
Chloroethane	39.5		"	50.0		79.0	51-142		0.660	30	
Chloroform	47.5		"	50.0		95.0	70-130		3.14	30	
Chloromethane	36.7		"	50.0		73.4	49-132		6.10	30	
cis-1,2-Dichloroethylene	50.7		"	50.0		101	70-130		7.45	30	
cis-1,3-Dichloropropylene	50.8		"	50.0		102	70-130		1.43	30	
Cyclohexane	48.6		"	50.0		97.3	70-130		16.2	30	
Dibromochloromethane	49.1		"	50.0		98.3	70-130		1.19	30	
Dibromomethane	45.1		"	50.0		90.2	83-124		0.422	30	
Dichlorodifluoromethane	25.7		"	50.0		51.5	40-160		6.37	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42093 - EPA 5035A											
LCS Dup (BJ42093-BSD1) LCS Dup								Prepared & Analyzed: 10/28/2024			
Ethyl Benzene	50.3		ug/L	50.0		101	70-130		2.72	30	
Hexachlorobutadiene	50.8		"	50.0		102	83-133		2.57	30	
Isopropylbenzene	50.5		"	50.0		101	70-130		2.00	30	
Methyl acetate	46.9		"	50.0		93.7	70-130		5.19	30	
Methyl tert-butyl ether (MTBE)	56.9		"	50.0		114	70-130		12.2	30	
Methylcyclohexane	43.6		"	50.0		87.3	70-130		1.16	30	
Methylene chloride	47.1		"	50.0		94.2	70-130		8.08	30	
n-Butylbenzene	51.5		"	50.0		103	80-130		2.96	30	
n-Propylbenzene	50.3		"	50.0		101	74-136		7.21	30	
o-Xylene	48.2		"	50.0		96.4	70-130		0.269	30	
p- & m- Xylenes	98.0		"	100		98.0	70-130		3.04	30	
p-Isopropyltoluene	51.7		"	50.0		103	85-125		0.718	30	
sec-Butylbenzene	49.2		"	50.0		98.4	83-125		2.37	30	
Styrene	48.8		"	50.0		97.7	70-130		2.25	30	
tert-Butyl alcohol (TBA)	329		"	250		132	70-130	High Bias	12.2	30	
tert-Butylbenzene	42.4		"	50.0		84.7	80-127		0.588	30	
Tetrachloroethylene	41.2		"	50.0		82.4	70-130		4.64	30	
Toluene	47.8		"	50.0		95.6	70-130		2.80	30	
trans-1,2-Dichloroethylene	49.2		"	50.0		98.4	70-130		8.14	30	
trans-1,3-Dichloropropylene	53.9		"	50.0		108	70-130		0.629	30	
Trichloroethylene	46.0		"	50.0		91.9	70-130		0.996	30	
Trichlorofluoromethane	42.2		"	50.0		84.5	40-160		3.96	30	
Vinyl Chloride	37.7		"	50.0		75.5	70-130		4.76	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*"*	*50.0*		*98.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41946 - EPA 3510C											
Blank (BJ41946-BLK1) Blank									Prepared & Analyzed: 10/29/2024		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41946 - EPA 3510C											
Blank (BJ41946-BLK1) Blank									Prepared & Analyzed: 10/29/2024		
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*14.9*		*"*	*50.0*		*29.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.62*		*"*	*50.0*		*11.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.6*		*"*	*25.0*		*82.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.7*		*"*	*25.0*		*62.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*66.8*		*"*	*50.0*		*134*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.1*		*"*	*25.0*		*80.4*	*30.7-106*				
Blank (BJ41946-BLK2) Blank									Prepared & Analyzed: 10/29/2024		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41946 - EPA 3510C											
LCS (BJ41946-BS1) LCS							Prepared & Analyzed: 10/29/2024				
1,1-Biphenyl	14.5	5.00	ug/L	25.0		58.1	33-95				
1,2,4,5-Tetrachlorobenzene	17.7	5.00	"	25.0		70.8	26-120				
1,2,4-Trichlorobenzene	14.8	5.00	"	25.0		59.1	20-118				
1,2-Dichlorobenzene	12.6	5.00	"	25.0		50.4	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	18.0	5.00	"	25.0		71.8	16-141				
1,3-Dichlorobenzene	12.2	5.00	"	25.0		48.6	23-117				
1,4-Dichlorobenzene	13.0	5.00	"	25.0		52.2	30-105				
2,3,4,6-Tetrachlorophenol	16.8	5.00	"	25.0		67.1	30-130				
2,4,5-Trichlorophenol	19.1	5.00	"	25.0		76.4	32-114				
2,4,6-Trichlorophenol	16.5	5.00	"	25.0		65.8	35-118				
2,4-Dichlorophenol	15.4	5.00	"	25.0		61.7	25-116				
2,4-Dimethylphenol	14.3	5.00	"	25.0		57.4	15-116				
2,4-Dinitrophenol	26.4	5.00	"	25.0		106	10-170				
2,4-Dinitrotoluene	21.5	5.00	"	25.0		86.1	41-128				
2,6-Dinitrotoluene	20.3	5.00	"	25.0		81.1	45-116				
2-Chloronaphthalene	14.3	5.00	"	25.0		57.3	33-112				
2-Chlorophenol	12.1	5.00	"	25.0		48.6	15-120				
2-Methylnaphthalene	13.0	5.00	"	25.0		52.2	24-118				
2-Methylphenol	10.2	5.00	"	25.0		41.0	10-110				
2-Nitroaniline	15.7	5.00	"	25.0		62.9	34-129				
2-Nitrophenol	18.6	5.00	"	25.0		74.5	28-118				
3- & 4-Methylphenols	8.78	5.00	"	25.0		35.1	10-107				
3,3-Dichlorobenzidine	12.7	5.00	"	25.0		50.6	15-187				
3-Nitroaniline	12.2	5.00	"	25.0		48.6	24-134				
4,6-Dinitro-2-methylphenol	34.6	5.00	"	25.0		138	10-153				
4-Bromophenyl phenyl ether	20.0	5.00	"	25.0		80.1	34-120				
4-Chloro-3-methylphenol	16.9	5.00	"	25.0		67.6	20-120				
4-Chloroaniline	12.1	5.00	"	25.0		48.2	10-147				
4-Chlorophenyl phenyl ether	16.9	5.00	"	25.0		67.5	27-121				
4-Nitroaniline	13.7	5.00	"	25.0		54.8	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	14.5	5.00	"	25.0		57.9	25-110				
Aniline	17.2	5.00	"	25.0		68.7	10-117				
Benzaldehyde	16.6	5.00	"	25.0		66.3	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	7.17	5.00	"	25.0		28.7	10-117				
Benzyl butyl phthalate	12.9	5.00	"	25.0		51.5	29-133				
Bis(2-chloroethoxy)methane	17.1	5.00	"	25.0		68.3	10-154				
Bis(2-chloroethyl)ether	24.7	5.00	"	25.0		99.0	17-125				
Bis(2-chloroisopropyl)ether	16.1	5.00	"	25.0		64.3	10-139				
Caprolactam	2.77	5.00	"	25.0		11.1	10-137				
Carbazole	15.8	5.00	"	25.0		63.4	42-126				
Dibenzofuran	15.2	5.00	"	25.0		60.6	36-113				
Diethyl phthalate	16.3	5.00	"	25.0		65.1	38-115				
Dimethyl phthalate	16.2	5.00	"	25.0		65.0	38-129				
Di-n-butyl phthalate	16.5	5.00	"	25.0		66.1	31-120				
Di-n-octyl phthalate	13.8	5.00	"	25.0		55.3	21-149				
Hexachlorocyclopentadiene	11.6	10.0	"	25.0		46.4	10-130				
Isophorone	18.7	5.00	"	25.0		74.7	25-127				
N-nitroso-di-n-propylamine	15.5	5.00	"	25.0		62.0	26-122				
N-Nitrosodiphenylamine	19.0	5.00	"	25.0		75.9	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41946 - EPA 3510C											
LCS (BJ41946-BS1) LCS							Prepared & Analyzed: 10/29/2024				
Phenol	4.91	5.00	ug/L	25.0		19.6	10-110				
Pyridine	2.70	5.00	"	35.0		7.71	10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*15.6*		*"*	*50.0*		*31.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.99*		*"*	*50.0*		*16.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.5*		*"*	*25.0*		*82.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.4*		*"*	*25.0*		*69.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*75.3*		*"*	*50.0*		*151*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.8*		*"*	*25.0*		*83.4*	*30.7-106*				
LCS (BJ41946-BS2) LCS							Prepared & Analyzed: 10/29/2024				
Acenaphthene	0.730	0.0500	ug/L	1.00		73.0	25-116				
Acenaphthylene	0.860	0.0500	"	1.00		86.0	26-116				
Anthracene	0.800	0.0500	"	1.00		80.0	25-123				
Benzo(a)anthracene	0.670	0.0500	"	1.00		67.0	33-125				
Benzo(a)pyrene	0.660	0.0500	"	1.00		66.0	32-132				
Benzo(b)fluoranthene	0.660	0.0500	"	1.00		66.0	22-137				
Benzo(g,h,i)perylene	0.820	0.0500	"	1.00		82.0	10-138				
Benzo(k)fluoranthene	0.740	0.0500	"	1.00		74.0	20-137				
Bis(2-ethylhexyl)phthalate	2.42	0.500	"	1.00		242	10-189	High Bias			
Chrysene	0.680	0.0500	"	1.00		68.0	32-124				
Dibenzo(a,h)anthracene	0.760	0.0500	"	1.00		76.0	16-133				
Fluoranthene	0.730	0.0500	"	1.00		73.0	32-121				
Fluorene	0.710	0.0500	"	1.00		71.0	28-118				
Hexachlorobenzene	0.620	0.0200	"	1.00		62.0	23-124				
Hexachlorobutadiene	0.510	0.500	"	1.00		51.0	15-123				
Hexachloroethane	0.820	0.500	"	1.00		82.0	18-115				
Indeno(1,2,3-cd)pyrene	0.760	0.0500	"	1.00		76.0	15-135				
Naphthalene	0.630	0.0500	"	1.00		63.0	18-120				
Nitrobenzene	0.670	0.250	"	1.00		67.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.890	0.250	"	1.00		89.0	10-156				
Phenanthrene	0.740	0.0500	"	1.00		74.0	24-127				
Pyrene	0.780	0.0500	"	1.00		78.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41946 - EPA 3510C											
LCS Dup (BJ41946-BSD1) LCS Dup								Prepared & Analyzed: 10/29/2024			
1,1-Biphenyl	14.3	5.00	ug/L	25.0		57.1	33-95		1.74	20	
1,2,4,5-Tetrachlorobenzene	17.9	5.00	"	25.0		71.4	26-120		0.843	20	
1,2,4-Trichlorobenzene	14.5	5.00	"	25.0		58.0	20-118		1.98	20	
1,2-Dichlorobenzene	12.6	5.00	"	25.0		50.2	29-111		0.318	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.2	5.00	"	25.0		68.6	16-141		4.56	20	
1,3-Dichlorobenzene	12.3	5.00	"	25.0		49.3	23-117		1.39	20	
1,4-Dichlorobenzene	13.0	5.00	"	25.0		51.8	30-105		0.693	20	
2,3,4,6-Tetrachlorophenol	16.7	5.00	"	25.0		66.7	30-130		0.598	20	
2,4,5-Trichlorophenol	18.7	5.00	"	25.0		74.8	32-114		2.01	20	
2,4,6-Trichlorophenol	15.9	5.00	"	25.0		63.5	35-118		3.59	20	
2,4-Dichlorophenol	15.8	5.00	"	25.0		63.0	25-116		2.05	20	
2,4-Dimethylphenol	14.4	5.00	"	25.0		57.8	15-116		0.764	20	
2,4-Dinitrophenol	25.5	5.00	"	25.0		102	10-170		3.58	20	
2,4-Dinitrotoluene	21.0	5.00	"	25.0		83.8	41-128		2.64	20	
2,6-Dinitrotoluene	19.3	5.00	"	25.0		77.2	45-116		4.95	20	
2-Chloronaphthalene	14.3	5.00	"	25.0		57.2	33-112		0.140	20	
2-Chlorophenol	12.3	5.00	"	25.0		49.3	15-120		1.47	20	
2-Methylnaphthalene	13.1	5.00	"	25.0		52.5	24-118		0.535	20	
2-Methylphenol	10.9	5.00	"	25.0		43.7	10-110		6.33	20	
2-Nitroaniline	14.9	5.00	"	25.0		59.8	34-129		5.15	20	
2-Nitrophenol	18.3	5.00	"	25.0		73.2	28-118		1.84	20	
3- & 4-Methylphenols	9.46	5.00	"	25.0		37.8	10-107		7.46	20	
3,3-Dichlorobenzidine	11.2	5.00	"	25.0		45.0	15-187		11.9	20	
3-Nitroaniline	12.0	5.00	"	25.0		47.9	24-134		1.41	20	
4,6-Dinitro-2-methylphenol	32.6	5.00	"	25.0		131	10-153		5.77	20	
4-Bromophenyl phenyl ether	19.3	5.00	"	25.0		77.2	34-120		3.71	20	
4-Chloro-3-methylphenol	16.8	5.00	"	25.0		67.1	20-120		0.772	20	
4-Chloroaniline	12.0	5.00	"	25.0		48.0	10-147		0.415	20	
4-Chlorophenyl phenyl ether	16.3	5.00	"	25.0		65.2	27-121		3.38	20	
4-Nitroaniline	12.8	5.00	"	25.0		51.4	13-134		6.40	20	
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias		20	
Acetophenone	14.6	5.00	"	25.0		58.2	25-110		0.620	20	
Aniline	18.2	5.00	"	25.0		72.9	10-117		5.93	20	
Benzaldehyde	16.4	5.00	"	25.0		65.8	29-117		0.727	20	
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	7.74	5.00	"	25.0		31.0	10-117		7.65	20	
Benzyl butyl phthalate	12.2	5.00	"	25.0		48.9	29-133		5.26	20	
Bis(2-chloroethoxy)methane	16.4	5.00	"	25.0		65.8	10-154		3.76	20	
Bis(2-chloroethyl)ether	26.2	5.00	"	25.0		105	17-125		5.92	20	
Bis(2-chloroisopropyl)ether	16.0	5.00	"	25.0		64.1	10-139		0.249	20	
Caprolactam	3.17	5.00	"	25.0		12.7	10-137		13.5	20	
Carbazole	15.0	5.00	"	25.0		59.8	42-126		5.78	20	
Dibenzofuran	14.7	5.00	"	25.0		58.8	36-113		3.08	20	
Diethyl phthalate	15.6	5.00	"	25.0		62.3	38-115		4.39	20	
Dimethyl phthalate	15.8	5.00	"	25.0		63.3	38-129		2.56	20	
Di-n-butyl phthalate	15.8	5.00	"	25.0		63.4	31-120		4.26	20	
Di-n-octyl phthalate	13.0	5.00	"	25.0		52.1	21-149		5.96	20	
Hexachlorocyclopentadiene	11.5	10.0	"	25.0		45.8	10-130		1.30	20	
Isophorone	18.6	5.00	"	25.0		74.4	25-127		0.322	20	
N-nitroso-di-n-propylamine	15.4	5.00	"	25.0		61.4	26-122		0.972	20	
N-Nitrosodiphenylamine	17.9	5.00	"	25.0		71.5	23-149		5.97	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41946 - EPA 3510C											
LCS Dup (BJ41946-BSD1) LCS Dup									Prepared & Analyzed: 10/29/2024		
Phenol	5.73	5.00	ug/L	25.0		22.9	10-110		15.4	20	
Pyridine	3.15	5.00	"	35.0		9.00	10-90	Low Bias	15.4	20	
Surrogate: SURR: 2-Fluorophenol	*17.7*		*"*	*50.0*		*35.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.28*		*"*	*50.0*		*18.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.4*		*"*	*25.0*		*81.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.4*		*"*	*25.0*		*65.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*70.4*		*"*	*50.0*		*141*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.3*		*"*	*25.0*		*77.0*	*30.7-106*				
Batch BJ41967 - EPA 3550C											
Blank (BJ41967-BLK1) Blank									Prepared: 10/29/2024 Analyzed: 10/30/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41967 - EPA 3550C											
Blank (BJ41967-BLK1) Blank									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Benzo(a)anthracene	ND	0.0416	mg/kg wet								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.28*		*"*	*1.66*		*77.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.18*		*"*	*1.66*		*70.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.721*		*"*	*0.831*		*86.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.756*		*"*	*0.831*		*91.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.69*		*"*	*1.66*		*162*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.817*		*"*	*0.831*		*98.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41967 - EPA 3550C											
LCS (BJ41967-BS1) LCS									Prepared: 10/29/2024 Analyzed: 10/30/2024		
1,1-Biphenyl	0.682	0.0416	mg/kg wet	0.831		82.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.760	0.0830	"	0.831		91.5	21-131				
1,2,4-Trichlorobenzene	0.800	0.0416	"	1.25		64.2	10-140				
1,2-Dichlorobenzene	0.613	0.0416	"	1.25		49.2	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.633	0.0416	"	1.25		50.8	17-137				
1,3-Dichlorobenzene	0.611	0.0416	"	1.25		49.1	33-110				
1,4-Dichlorobenzene	0.607	0.0416	"	1.25		48.7	32-104				
2,3,4,6-Tetrachlorophenol	0.897	0.0830	"	1.25		72.0	30-130				
2,4,5-Trichlorophenol	0.809	0.0416	"	1.25		64.9	27-118				
2,4,6-Trichlorophenol	0.837	0.0416	"	1.25		67.1	31-120				
2,4-Dichlorophenol	0.845	0.0416	"	1.25		67.8	20-127				
2,4-Dimethylphenol	0.744	0.0416	"	1.25		59.7	14-132				
2,4-Dinitrophenol	1.08	0.0830	"	1.25		86.4	10-171				
2,4-Dinitrotoluene	0.859	0.0416	"	1.25		69.0	34-131				
2,6-Dinitrotoluene	0.804	0.0416	"	1.25		64.5	31-128				
2-Chloronaphthalene	0.670	0.0416	"	1.25		53.8	31-117				
2-Chlorophenol	0.637	0.0416	"	1.25		51.1	33-113				
2-Methylnaphthalene	0.671	0.0416	"	1.25		53.8	12-138				
2-Methylphenol	0.615	0.0416	"	1.25		49.4	10-136				
2-Nitroaniline	0.704	0.0830	"	1.25		56.5	27-132				
2-Nitrophenol	0.923	0.0416	"	1.25		74.1	17-129				
3- & 4-Methylphenols	0.551	0.0416	"	1.25		44.2	29-103				
3,3-Dichlorobenzidine	0.698	0.0416	"	0.831		84.0	22-149				
3-Nitroaniline	0.521	0.0830	"	1.25		41.8	20-133				
4,6-Dinitro-2-methylphenol	1.30	0.0830	"	1.25		105	10-143				
4-Bromophenyl phenyl ether	0.842	0.0416	"	1.25		67.6	29-120				
4-Chloro-3-methylphenol	0.839	0.0416	"	1.25		67.4	24-129				
4-Chloroaniline	0.557	0.0416	"	1.25		44.7	10-132				
4-Chlorophenyl phenyl ether	0.782	0.0416	"	1.25		62.7	27-124				
4-Nitroaniline	0.597	0.0830	"	1.25		47.9	16-128				
4-Nitrophenol	0.615	0.0830	"	1.25		49.4	10-141				
Acenaphthene	0.597	0.0416	"	1.25		47.9	30-121				
Acenaphthylene	0.691	0.0416	"	1.25		55.4	30-115				
Acetophenone	0.584	0.0416	"	0.831		70.3	20-112				
Aniline	0.545	0.166	"	1.25		43.8	10-119				
Anthracene	0.654	0.0416	"	1.25		52.5	34-118				
Atrazine	0.803	0.0416	"	0.831		96.7	26-112				
Benzaldehyde	0.569	0.0416	"	0.831		68.6	21-100				
Benzo(a)anthracene	0.707	0.0416	"	1.25		56.8	32-122				
Benzo(a)pyrene	0.682	0.0416	"	1.25		54.7	29-133				
Benzo(b)fluoranthene	0.686	0.0416	"	1.25		55.1	25-133				
Benzo(g,h,i)perylene	0.755	0.0416	"	1.25		60.6	10-143				
Benzo(k)fluoranthene	0.680	0.0416	"	1.25		54.6	25-128				
Benzoic acid	0.545	0.0416	"	0.831		65.6	10-140				
Benzyl alcohol	0.593	0.0416	"	1.25		47.6	30-115				
Benzyl butyl phthalate	0.796	0.0416	"	1.25		63.9	26-126				
Bis(2-chloroethoxy)methane	0.619	0.0416	"	1.25		49.7	19-132				
Bis(2-chloroethyl)ether	0.519	0.0416	"	1.25		41.6	19-125				
Bis(2-chloroisopropyl)ether	0.454	0.0416	"	1.25		36.5	20-135				
Bis(2-ethylhexyl)phthalate	0.682	0.0416	"	1.25		54.8	10-155				
Caprolactam	0.819	0.0830	"	0.831		98.6	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41967 - EPA 3550C											
LCS (BJ41967-BS1) LCS									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Carbazole	0.611	0.0416	mg/kg wet	1.25		49.1	35-123				
Chrysene	0.624	0.0416	"	1.25		50.1	32-123				
Dibenzo(a,h)anthracene	0.814	0.0416	"	1.25		65.3	10-136				
Dibenzofuran	0.687	0.0416	"	1.25		55.2	29-121				
Diethyl phthalate	0.758	0.0416	"	1.25		60.9	34-116				
Dimethyl phthalate	0.726	0.0416	"	1.25		58.3	35-124				
Di-n-butyl phthalate	0.716	0.0416	"	1.25		57.4	31-116				
Di-n-octyl phthalate	0.740	0.0416	"	1.25		59.4	26-136				
Fluoranthene	0.665	0.0416	"	1.25		53.4	33-122				
Fluorene	0.673	0.0416	"	1.25		54.0	29-123				
Hexachlorobenzene	0.673	0.0416	"	1.25		54.0	21-124				
Hexachlorobutadiene	0.972	0.0416	"	1.25		78.0	10-149				
Hexachlorocyclopentadiene	0.623	0.0416	"	1.25		50.0	10-129				
Hexachloroethane	0.638	0.0416	"	1.25		51.2	28-108				
Indeno(1,2,3-cd)pyrene	0.891	0.0416	"	1.25		71.5	10-135				
Isophorone	0.647	0.0416	"	1.25		51.9	20-132				
Naphthalene	0.646	0.0416	"	1.25		51.8	23-124				
Nitrobenzene	0.665	0.0416	"	1.25		53.4	13-132				
N-Nitrosodimethylamine	0.440	0.0416	"	1.25		35.3	11-129				
N-nitroso-di-n-propylamine	0.560	0.0416	"	1.25		44.9	24-119				
N-Nitrosodiphenylamine	0.861	0.0416	"	1.25		69.1	22-152				
Pentachlorophenol	0.632	0.0416	"	1.25		50.7	10-139				
Phenanthrene	0.621	0.0416	"	1.25		49.8	33-123				
Phenol	0.605	0.0416	"	1.25		48.6	23-115				
Pyrene	0.668	0.0416	"	1.25		53.7	24-130				
Pyridine	0.351	0.166	"	1.25		28.2	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.23*		"	*1.66*		*74.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.14*		"	*1.66*		*68.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.703*		"	*0.831*		*84.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.728*		"	*0.831*		*87.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.51*		"	*1.66*		*151*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.802*		"	*0.831*		*96.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41736 - EPA 3550C											
Blank (BJ41736-BLK1) Blank									Prepared: 10/25/2024 Analyzed: 10/28/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*554*		*"*	*495*		*112*	*39-127.5*				
LCS (BJ41736-BS1) LCS									Prepared: 10/25/2024 Analyzed: 10/28/2024		
1,4-Dioxane	518	19.8	ug/kg	495		105	40-130				
Surrogate: 1,4-Dioxane-d8	*465*		*"*	*495*		*94.0*	*39-127.5*				
Batch BJ41856 - EPA 3535A											
Blank (BJ41856-BLK1) Blank									Prepared: 10/28/2024 Analyzed: 10/30/2024		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.20*		*"*	*4.00*		*80.0*	*36.6-118*				
LCS (BJ41856-BS1) LCS									Prepared: 10/28/2024 Analyzed: 10/30/2024		
1,4-Dioxane	3.97	0.300	ug/L	4.00		99.2	50-130				
Surrogate: 1,4-Dioxane-d8	*3.04*		*"*	*4.00*		*76.0*	*36.6-118*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41802 - EPA 1633 Prep											
Blank (BJ41802-BLK1) Blank									Prepared: 10/26/2024 Analyzed: 10/29/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.155	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.175	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.175	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.161	"								
Perfluorooctanoic acid (PFOA)	ND	0.175	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.163	"								
Perfluorononanoic acid (PFNA)	ND	0.175	"								
Perfluorodecanoic acid (PFDA)	ND	0.175	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.175	"								
Perfluorododecanoic acid (PFDoA)	ND	0.175	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.175	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.175	"								
N-MeFOSAA	ND	0.175	"								
N-EtFOSAA	ND	0.175	"								
Perfluoropentanoic acid (PFPeA)	ND	0.351	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.175	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.175	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.169	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.667	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.674	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.702	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.312	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.351	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.351	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.351	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.165	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.658	"								
HFPO-DA (Gen-X)	ND	0.702	"								
11CL-PF3OUdS	ND	0.663	"								
9CL-PF3ONS	ND	0.656	"								
ADONA	ND	0.663	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.170	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.168	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.877	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.39	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.39	"								
N-MeFOSE	ND	1.75	"								
N-MeFOSA	ND	0.175	"								
N-EtFOSE	ND	1.75	"								
N-EtFOSA	ND	0.175	"								
Surrogate: M3PFBS	*2.35*		"	*2.04*		*115*	*25-150*				
Surrogate: M5PFHxA	*2.66*		"	*2.19*		*122*	*25-150*				
Surrogate: M4PFHpA	*2.22*		"	*2.19*		*101*	*25-150*				
Surrogate: M3PFHxS	*1.90*		"	*2.08*		*91.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.57*		"	*2.19*		*117*	*25-150*				
Surrogate: M6PFDA	*0.862*		"	*1.10*		*78.6*	*25-150*				
Surrogate: M7PFUdA	*0.732*		"	*1.10*		*66.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.544*		"	*1.10*		*49.6*	*25-150*				
Surrogate: M2PFTeDA	*0.472*		"	*1.10*		*43.0*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41802 - EPA 1633 Prep											
Blank (BJ41802-BLK1) Blank									Prepared: 10/26/2024 Analyzed: 10/29/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*ug/kg wet*	*8.77*		*128*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.17*		*"*	*2.10*		*55.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.26*		*"*	*4.39*		*120*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.54*		*"*	*2.19*		*70.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.99*		*"*	*4.39*		*45.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.36*		*"*	*4.39*		*53.7*	*25-150*				
Surrogate: M2-6:2 FTS	*2.32*		*"*	*4.17*		*55.7*	*25-200*				
Surrogate: M2-8:2 FTS	*1.99*		*"*	*4.21*		*47.3*	*25-200*				
Surrogate: M9PFNA	*0.858*		*"*	*1.10*		*78.3*	*25-150*				
Surrogate: M2-4:2 FTS	*3.07*		*"*	*4.11*		*74.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.998*		*"*	*2.19*		*45.5*	*25-150*				
Surrogate: d-N-EtFOSA	*0.804*		*"*	*2.19*		*36.7*	*25-150*				
Surrogate: M3HFPO-DA	*10.0*		*"*	*8.77*		*114*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.86*		*"*	*21.9*		*44.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.6*		*"*	*21.9*		*57.3*	*25-150*				
LCS (BJ41802-BS1) LCS									Prepared: 10/26/2024 Analyzed: 10/29/2024		
Perfluorobutanesulfonic acid (PFBS)	2.91	0.155	ug/kg wet	3.11		93.7	50-150				
Perfluorohexanoic acid (PFHxA)	3.22	0.175	"	3.51		91.9	50-150				
Perfluoroheptanoic acid (PFHpA)	4.25	0.175	"	3.51		121	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.11	0.161	"	3.21		96.8	50-150				
Perfluorooctanoic acid (PFOA)	2.79	0.175	"	3.51		79.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.29	0.163	"	3.26		101	50-150				
Perfluorononanoic acid (PFNA)	3.05	0.175	"	3.51		86.9	50-150				
Perfluorodecanoic acid (PFDA)	2.85	0.175	"	3.51		81.1	50-150				
Perfluoroundecanoic acid (PFUnA)	3.48	0.175	"	3.51		99.2	50-150				
Perfluorododecanoic acid (PFDoA)	3.71	0.175	"	3.51		106	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.74	0.175	"	3.51		107	50-150				
Perfluorotetradecanoic acid (PFTA)	3.56	0.175	"	3.51		101	50-150				
N-MeFOSAA	3.59	0.175	"	3.51		102	50-150				
N-EtFOSAA	3.45	0.175	"	3.51		98.2	50-150				
Perfluoropentanoic acid (PFPeA)	6.94	0.351	"	7.02		98.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.04	0.175	"	3.51		86.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.64	0.175	"	3.35		109	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.23	0.169	"	3.39		65.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.7	0.667	"	13.3		95.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	11.1	0.674	"	13.5		82.3	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.7	0.702	"	14.0		97.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.73	0.312	"	6.25		108	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.15	0.351	"	7.02		102	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.03	0.351	"	7.02		100	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.04	0.351	"	7.02		100	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.40	0.165	"	3.30		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	10.9	0.658	"	13.2		83.1	50-150				
HFPO-DA (Gen-X)	7.41	0.702	"	7.02		106	50-150				
11CL-PF3OUdS	4.04	0.663	"	6.63		61.0	50-150				
9CL-PF3ONS	5.24	0.656	"	6.56		79.8	50-150				
ADONA	7.01	0.663	"	6.63		106	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41802 - EPA 1633 Prep											
LCS (BJ41802-BS1) LCS									Prepared: 10/26/2024 Analyzed: 10/29/2024		
Perfluorododecanesulfonic acid (PFDoS)	1.87	0.170	ug/kg wet	3.40		55.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.08	0.168	"	3.37		91.4	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	13.8	0.877	"	14.0		98.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	70.4	4.39	"	70.2		100	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	68.2	4.39	"	70.2		97.1	50-150				
N-MeFOSE	30.3	1.75	"	35.1		86.2	50-150				
N-MeFOSA	3.63	0.175	"	3.51		103	50-150				
N-EtFOSE	30.7	1.75	"	35.1		87.6	50-150				
N-EtFOSA	3.21	0.175	"	3.51		91.6	50-150				
Surrogate: M3PFBS	*2.26*		"	*2.04*		*111*	*25-150*				
Surrogate: M5PFHxA	*2.53*		"	*2.19*		*115*	*25-150*				
Surrogate: M4PFHpA	*2.08*		"	*2.19*		*95.0*	*25-150*				
Surrogate: M3PFHxS	*2.35*		"	*2.08*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.73*		"	*2.19*		*124*	*25-150*				
Surrogate: M6PFDA	*1.10*		"	*1.10*		*101*	*25-150*				
Surrogate: M7PFUdA	*0.993*		"	*1.10*		*90.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.605*		"	*1.10*		*55.2*	*25-150*				
Surrogate: M2PFTeDA	*0.547*		"	*1.10*		*49.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.7*		"	*8.77*		*122*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.93*		"	*2.10*		*92.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.78*		"	*4.39*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.09*		"	*2.19*		*95.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.15*		"	*4.39*		*71.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.37*		"	*4.39*		*76.9*	*25-150*				
Surrogate: M2-6:2 FTS	*3.06*		"	*4.17*		*73.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.31*		"	*4.21*		*78.6*	*25-200*				
Surrogate: M9PFNA	*1.15*		"	*1.10*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*3.53*		"	*4.11*		*85.7*	*25-150*				
Surrogate: d-N-MeFOSA	*1.45*		"	*2.19*		*66.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.17*		"	*2.19*		*53.6*	*25-150*				
Surrogate: M3HFPO-DA	*9.73*		"	*8.77*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.4*		"	*21.9*		*56.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.3*		"	*21.9*		*65.0*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41802 - EPA 1633 Prep											
LCS (BJ41802-BS2) LCS								Prepared: 10/26/2024 Analyzed: 10/29/2024			
Perfluorobutanesulfonic acid (PFBS)	0.601	0.155	ug/kg wet	0.621		96.8	50-150				
Perfluorohexanoic acid (PFHxA)	0.718	0.175	"	0.702		102	50-150				
Perfluoroheptanoic acid (PFHpA)	0.898	0.175	"	0.702		128	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.678	0.161	"	0.642		106	50-150				
Perfluorooctanoic acid (PFOA)	0.590	0.175	"	0.702		84.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.677	0.163	"	0.653		104	50-150				
Perfluorononanoic acid (PFNA)	0.639	0.175	"	0.702		91.1	50-150				
Perfluorodecanoic acid (PFDA)	0.658	0.175	"	0.702		93.8	50-150				
Perfluoroundecanoic acid (PFUnA)	0.605	0.175	"	0.702		86.2	50-150				
Perfluorododecanoic acid (PFDoA)	0.539	0.175	"	0.702		76.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.689	0.175	"	0.702		98.2	50-150				
Perfluorotetradecanoic acid (PFTA)	0.670	0.175	"	0.702		95.5	50-150				
N-MeFOSAA	0.738	0.175	"	0.702		105	50-150				
N-EtFOSAA	0.715	0.175	"	0.702		102	50-150				
Perfluoropentanoic acid (PFPeA)	1.43	0.351	"	1.40		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.599	0.175	"	0.702		85.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.728	0.175	"	0.670		109	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.622	0.169	"	0.677		91.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.57	0.667	"	2.67		96.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.68	0.674	"	2.69		99.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.78	0.702	"	2.81		99.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.45	0.312	"	1.25		116	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.88	0.351	"	1.40		134	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.42	0.351	"	1.40		101	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.40	0.351	"	1.40		99.4	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.729	0.165	"	0.660		110	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.29	0.658	"	2.63		87.1	50-150				
HFPO-DA (Gen-X)	1.76	0.702	"	1.40		126	50-150				
11CL-PF3OUdS	1.14	0.663	"	1.33		85.9	50-150				
9CL-PF3ONS	1.30	0.656	"	1.31		98.9	50-150				
ADONA	1.40	0.663	"	1.33		106	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.474	0.170	"	0.681		69.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.678	0.168	"	0.674		101	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.58	0.877	"	2.81		92.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	15.3	4.39	"	14.0		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	15.5	4.39	"	14.0		110	50-150				
N-MeFOSE	6.34	1.75	"	7.02		90.4	50-150				
N-MeFOSA	0.996	0.175	"	0.702		142	50-150				
N-EtFOSE	6.57	1.75	"	7.02		93.6	50-150				
N-EtFOSA	0.791	0.175	"	0.702		113	50-150				
Surrogate: M3PFBS	*2.30*		"	*2.04*		*113*	*25-150*				
Surrogate: M5PFHxA	*2.50*		"	*2.19*		*114*	*25-150*				
Surrogate: M4PFHpA	*2.25*		"	*2.19*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.46*		"	*2.08*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.89*		"	*2.19*		*132*	*25-150*				
Surrogate: M6PFDA	*1.06*		"	*1.10*		*96.4*	*25-150*				
Surrogate: M7PFUdA	*1.05*		"	*1.10*		*95.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.848*		"	*1.10*		*77.3*	*25-150*				
Surrogate: M2PFTeDA	*0.676*		"	*1.10*		*61.7*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41802 - EPA 1633 Prep											
LCS (BJ41802-BS2) LCS									Prepared: 10/26/2024 Analyzed: 10/29/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.1*		*ug/kg wet*	*8.77*		*127*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.14*		*"*	*2.10*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.08*		*"*	*4.39*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.32*		*"*	*2.19*		*106*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.83*		*"*	*4.39*		*87.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.03*		*"*	*4.39*		*91.9*	*25-150*				
Surrogate: M2-6:2 FTS	*3.10*		*"*	*4.17*		*74.3*	*25-200*				
Surrogate: M2-8:2 FTS	*3.40*		*"*	*4.21*		*80.8*	*25-200*				
Surrogate: M9PFNA	*1.11*		*"*	*1.10*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*3.54*		*"*	*4.11*		*86.1*	*25-150*				
Surrogate: d-N-MeFOSA	*1.51*		*"*	*2.19*		*68.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.39*		*"*	*2.19*		*63.6*	*25-150*				
Surrogate: M3HFPO-DA	*10.3*		*"*	*8.77*		*117*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.2*		*"*	*21.9*		*87.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*21.2*		*"*	*21.9*		*96.5*	*25-150*				
Batch BJ41890 - EPA 1633 Prep											
Blank (BJ41890-BLK1) Blank									Prepared: 10/28/2024 Analyzed: 10/29/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41890 - EPA 1633 Prep											
Blank (BJ41890-BLK1) Blank									Prepared: 10/28/2024 Analyzed: 10/29/2024		
9CL-PF3ONS	ND	7.48	ng/L								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*19.1*		"	*23.3*		*82.2*	*25-150*				
Surrogate: M5PFHxA	*26.1*		"	*25.0*		*104*	*25-150*				
Surrogate: M4PFHpA	*21.0*		"	*25.0*		*83.8*	*25-150*				
Surrogate: M3PFHxS	*21.0*		"	*23.7*		*88.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.3*		"	*25.0*		*113*	*25-150*				
Surrogate: M6PFDA	*15.0*		"	*12.5*		*120*	*25-150*				
Surrogate: M7PFUdA	*13.2*		"	*12.5*		*106*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.5*		"	*12.5*		*91.8*	*25-150*				
Surrogate: M2PFTeDA	*8.42*		"	*12.5*		*67.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.71*		"	*100*		*8.71*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*23.7*		"	*24.0*		*99.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*30.0*		"	*50.0*		*60.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*28.0*		"	*25.0*		*112*	*10-150*				
Surrogate: d3-N-MeFOSAA	*45.2*		"	*50.0*		*90.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*53.5*		"	*50.0*		*107*	*25-150*				
Surrogate: M2-6:2 FTS	*27.3*		"	*47.6*		*57.4*	*25-200*				
Surrogate: M2-8:2 FTS	*35.0*		"	*48.0*		*73.0*	*25-200*				
Surrogate: M9PFNA	*11.8*		"	*12.5*		*94.8*	*25-150*				
Surrogate: M2-4:2 FTS	*36.2*		"	*46.9*		*77.1*	*25-150*				
Surrogate: d-N-MeFOSA	*18.7*		"	*25.0*		*74.7*	*25-150*				
Surrogate: d-N-EtFOSA	*15.1*		"	*25.0*		*60.3*	*25-150*				
Surrogate: M3HFPO-DA	*92.4*		"	*100*		*92.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*169*		"	*250*		*67.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*174*		"	*250*		*69.6*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41890 - EPA 1633 Prep											
LCS (BJ41890-BS1) LCS								Prepared: 10/28/2024 Analyzed: 10/29/2024			
Perfluorobutanesulfonic acid (PFBS)	34.6	1.77	ng/L	35.4		97.9	50-150				
Perfluorohexanoic acid (PFHxA)	39.5	2.00	"	40.0		98.7	50-150				
Perfluoroheptanoic acid (PFHpA)	50.6	2.00	"	40.0		127	50-150				
Perfluorohexanesulfonic acid (PFHxS)	38.1	1.83	"	36.6		104	50-150				
Perfluorooctanoic acid (PFOA)	33.9	2.00	"	40.0		84.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	38.9	1.86	"	37.2		105	50-150				
Perfluorononanoic acid (PFNA)	39.9	2.00	"	40.0		99.9	50-150				
Perfluorodecanoic acid (PFDA)	30.1	2.00	"	40.0		75.3	50-150				
Perfluoroundecanoic acid (PFUnA)	39.5	2.00	"	40.0		98.7	50-150				
Perfluorododecanoic acid (PFDoA)	36.3	2.00	"	40.0		90.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	42.1	2.00	"	40.0		105	50-150				
Perfluorotetradecanoic acid (PFTA)	37.6	2.00	"	40.0		94.1	50-150				
N-MeFOSAA	40.2	2.00	"	40.0		100	50-150				
N-EtFOSAA	41.6	2.00	"	40.0		104	50-150				
Perfluoropentanoic acid (PFPeA)	82.8	4.00	"	80.0		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	35.5	2.00	"	40.0		88.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	41.0	1.91	"	38.2		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	37.0	1.93	"	38.6		95.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	138	7.60	"	152		90.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	145	7.68	"	154		94.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	158	8.00	"	160		98.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	79.0	3.56	"	71.2		111	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	106	4.00	"	80.0		133	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	24.6	4.00	"	80.0		30.7	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	103	4.00	"	80.0		128	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	39.6	1.88	"	37.6		105	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	131	7.50	"	150		87.3	50-150				
HFPO-DA (Gen-X)	81.4	8.00	"	80.0		102	50-150				
11CL-PF3OUdS	72.4	7.56	"	75.6		95.8	50-150				
9CL-PF3ONS	83.4	7.48	"	74.8		111	50-150				
ADONA	82.6	7.56	"	75.6		109	50-150				
Perfluorododecanesulfonic acid (PFDoS)	27.5	1.94	"	38.8		70.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	41.6	1.92	"	38.4		108	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	99.8	5.00	"	160		62.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	863	25.0	"	800		108	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	951	25.0	"	800		119	50-150				
N-MeFOSE	349	20.0	"	400		87.2	50-150				
N-MeFOSA	41.3	2.00	"	40.0		103	50-150				
N-EtFOSE	403	20.0	"	400		101	50-150				
N-EtFOSA	35.3	2.00	"	40.0		88.2	50-150				
Surrogate: M3PFBS	*22.3*		"	*23.3*		*95.9*	*25-150*				
Surrogate: M5PFHxA	*29.2*		"	*25.0*		*117*	*25-150*				
Surrogate: M4PFHpA	*25.7*		"	*25.0*		*103*	*25-150*				
Surrogate: M3PFHxS	*24.8*		"	*23.7*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.1*		"	*25.0*		*132*	*25-150*				
Surrogate: M6PFDA	*16.8*		"	*12.5*		*135*	*25-150*				
Surrogate: M7PFUdA	*14.3*		"	*12.5*		*115*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*11.6*		"	*12.5*		*93.0*	*25-150*				
Surrogate: M2PFTeDA	*8.81*		"	*12.5*		*70.5*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41890 - EPA 1633 Prep											
LCS (BJ41890-BS1) LCS								Prepared: 10/28/2024 Analyzed: 10/29/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.7*		*ng/L*	*100*		*10.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.6*		*"*	*24.0*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*37.6*		*"*	*50.0*		*75.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.2*		*"*	*25.0*		*117*	*10-150*				
Surrogate: d3-N-MeFOSAA	*49.5*		*"*	*50.0*		*99.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*54.2*		*"*	*50.0*		*108*	*25-150*				
Surrogate: M2-6:2 FTS	*37.4*		*"*	*47.6*		*78.7*	*25-200*				
Surrogate: M2-8:2 FTS	*43.1*		*"*	*48.0*		*89.8*	*25-200*				
Surrogate: M9PFNA	*13.4*		*"*	*12.5*		*107*	*25-150*				
Surrogate: M2-4:2 FTS	*43.6*		*"*	*46.9*		*92.9*	*25-150*				
Surrogate: d-N-MeFOSA	*21.3*		*"*	*25.0*		*85.1*	*25-150*				
Surrogate: d-N-EtFOSA	*15.5*		*"*	*25.0*		*62.1*	*25-150*				
Surrogate: M3HFPO-DA	*114*		*"*	*100*		*114*	*25-150*				
Surrogate: d9-N-EtFOSE	*186*		*"*	*250*		*74.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*220*		*"*	*250*		*88.1*	*25-150*				
LCS (BJ41890-BS2) LCS								Prepared: 10/28/2024 Analyzed: 10/29/2024			
Perfluorobutanesulfonic acid (PFBS)	7.06	1.77	ng/L	7.08		99.8	50-150				
Perfluorohexanoic acid (PFHxA)	8.19	2.00	"	8.00		102	50-150				
Perfluoroheptanoic acid (PFHpA)	9.40	2.00	"	8.00		117	50-150				
Perfluorohexanesulfonic acid (PFHxS)	7.60	1.83	"	7.32		104	50-150				
Perfluorooctanoic acid (PFOA)	7.32	2.00	"	8.00		91.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	8.38	1.86	"	7.44		113	50-150				
Perfluorononanoic acid (PFNA)	6.78	2.00	"	8.00		84.7	50-150				
Perfluorodecanoic acid (PFDA)	7.76	2.00	"	8.00		97.0	50-150				
Perfluoroundecanoic acid (PFUnA)	8.36	2.00	"	8.00		104	50-150				
Perfluorododecanoic acid (PFDoA)	7.62	2.00	"	8.00		95.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	8.93	2.00	"	8.00		112	50-150				
Perfluorotetradecanoic acid (PFTA)	7.30	2.00	"	8.00		91.3	50-150				
N-MeFOSAA	7.51	2.00	"	8.00		93.9	50-150				
N-EtFOSAA	8.12	2.00	"	8.00		102	50-150				
Perfluoropentanoic acid (PFPeA)	16.0	4.00	"	16.0		100	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.18	2.00	"	8.00		89.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	8.41	1.91	"	7.64		110	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	9.23	1.93	"	7.72		120	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	29.2	7.60	"	30.4		95.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	30.3	7.68	"	30.7		98.5	50-150				
Perfluoro-n-butanoic acid (PFBA)	31.9	8.00	"	32.0		99.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.4	3.56	"	14.2		108	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	17.5	4.00	"	16.0		109	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	5.60	4.00	"	16.0		35.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	17.6	4.00	"	16.0		110	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	8.09	1.88	"	7.52		108	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	27.5	7.50	"	30.0		91.5	50-150				
HFPO-DA (Gen-X)	11.8	8.00	"	16.0		73.4	50-150				
11CL-PF3OUdS	12.9	7.56	"	15.1		85.0	50-150				
9CL-PF3ONS	16.1	7.48	"	15.0		108	50-150				
ADONA	16.0	7.56	"	15.1		106	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41890 - EPA 1633 Prep											
LCS (BJ41890-BS2) LCS									Prepared: 10/28/2024 Analyzed: 10/29/2024		
Perfluorododecanesulfonic acid (PFDoS)	4.38	1.94	ng/L	7.76		56.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	9.03	1.92	"	7.68		118	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	21.4	5.00	"	32.0		67.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	166	25.0	"	160		104	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	188	25.0	"	160		118	50-150				
N-MeFOSE	70.3	20.0	"	80.0		87.8	50-150				
N-MeFOSA	8.76	2.00	"	8.00		109	50-150				
N-EtFOSE	87.0	20.0	"	80.0		109	50-150				
N-EtFOSA	9.65	2.00	"	8.00		121	50-150				
Surrogate: M3PFBS	*20.0*		"	*23.3*		*85.8*	*25-150*				
Surrogate: M5PFHxA	*27.2*		"	*25.0*		*109*	*25-150*				
Surrogate: M4PFHpA	*25.7*		"	*25.0*		*103*	*25-150*				
Surrogate: M3PFHxS	*21.2*		"	*23.7*		*89.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.6*		"	*25.0*		*115*	*25-150*				
Surrogate: M6PFDA	*13.0*		"	*12.5*		*104*	*25-150*				
Surrogate: M7PFUdA	*11.6*		"	*12.5*		*93.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*7.87*		"	*12.5*		*63.0*	*25-150*				
Surrogate: M2PFTeDA	*5.56*		"	*12.5*		*44.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.8*		"	*100*		*12.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*21.4*		"	*24.0*		*89.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*43.3*		"	*50.0*		*86.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.3*		"	*25.0*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*42.8*		"	*50.0*		*85.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*49.5*		"	*50.0*		*99.0*	*25-150*				
Surrogate: M2-6:2 FTS	*30.1*		"	*47.6*		*63.3*	*25-200*				
Surrogate: M2-8:2 FTS	*34.2*		"	*48.0*		*71.2*	*25-200*				
Surrogate: M9PFNA	*11.5*		"	*12.5*		*91.9*	*25-150*				
Surrogate: M2-4:2 FTS	*38.1*		"	*46.9*		*81.2*	*25-150*				
Surrogate: d-N-MeFOSA	*17.2*		"	*25.0*		*68.8*	*25-150*				
Surrogate: d-N-EtFOSA	*11.9*		"	*25.0*		*47.6*	*25-150*				
Surrogate: M3HFPO-DA	*105*		"	*100*		*105*	*25-150*				
Surrogate: d9-N-EtFOSE	*99.6*		"	*250*		*39.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*131*		"	*250*		*52.2*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41817 - EPA SW846-3510C Low Level											
Blank (BJ41817-BLK1) Blank									Prepared: 10/27/2024 Analyzed: 10/28/2024		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0468*		*"*	*0.200*		*23.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.133*		*"*	*0.200*		*66.5*	*30-150*				
LCS (BJ41817-BS1) LCS									Prepared: 10/27/2024 Analyzed: 10/28/2024		
4,4'-DDD	0.0615	0.00400	ug/L	0.100		61.5	40-140			20	
4,4'-DDE	0.0598	0.00400	"	0.100		59.8	40-140			20	
4,4'-DDT	0.0682	0.00400	"	0.100		68.2	40-140			20	
Aldrin	0.0511	0.00400	"	0.100		51.1	40-140			20	
alpha-BHC	0.0622	0.00400	"	0.100		62.2	40-140			20	
alpha-Chlordane	0.0575	0.00400	"	0.100		57.5	40-140			20	
beta-BHC	0.0729	0.00400	"	0.100		72.9	40-140			20	
delta-BHC	0.0463	0.00400	"	0.100		46.3	40-140			20	
Dieldrin	0.0611	0.00200	"	0.100		61.1	40-140			20	
Endosulfan I	0.0610	0.00400	"	0.100		61.0	40-140			20	
Endosulfan II	0.0655	0.00400	"	0.100		65.5	40-140			20	
Endosulfan sulfate	0.0595	0.00400	"	0.100		59.5	40-140			20	
Endrin	0.0645	0.00400	"	0.100		64.5	40-140			20	
Endrin aldehyde	0.0795	0.0100	"	0.100		79.5	40-140			20	
Endrin ketone	0.0651	0.0100	"	0.100		65.1	40-140			20	
gamma-BHC (Lindane)	0.0636	0.00400	"	0.100		63.6	40-140			20	
gamma-Chlordane	0.0605	0.0100	"	0.100		60.5	40-140			20	
Heptachlor	0.0613	0.00400	"	0.100		61.3	40-140			20	
Heptachlor epoxide	0.0628	0.00400	"	0.100		62.8	40-140			20	
Methoxychlor	0.0705	0.00400	"	0.100		70.5	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0668*		*"*	*0.200*		*33.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.113*		*"*	*0.200*		*56.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41817 - EPA SW846-3510C Low Level											
LCS Dup (BJ41817-BSD1) LCS Dup									Prepared: 10/27/2024 Analyzed: 10/28/2024		
4,4'-DDD	0.0631	0.00400	ug/L	0.100		63.1	40-140		2.65	20	
4,4'-DDE	0.0607	0.00400	"	0.100		60.7	40-140		1.36	20	
4,4'-DDT	0.0682	0.00400	"	0.100		68.2	40-140		0.0455	20	
Aldrin	0.0487	0.00400	"	0.100		48.7	40-140		4.82	20	
alpha-BHC	0.0642	0.00400	"	0.100		64.2	40-140		3.27	20	
alpha-Chlordane	0.0605	0.00400	"	0.100		60.5	40-140		5.09	20	
beta-BHC	0.0740	0.00400	"	0.100		74.0	40-140		1.41	20	
delta-BHC	0.0499	0.00400	"	0.100		49.9	40-140		7.47	20	
Dieldrin	0.0624	0.00200	"	0.100		62.4	40-140		2.02	20	
Endosulfan I	0.0625	0.00400	"	0.100		62.5	40-140		2.47	20	
Endosulfan II	0.0664	0.00400	"	0.100		66.4	40-140		1.30	20	
Endosulfan sulfate	0.0620	0.00400	"	0.100		62.0	40-140		4.15	20	
Endrin	0.0657	0.00400	"	0.100		65.7	40-140		1.83	20	
Endrin aldehyde	0.0812	0.0100	"	0.100		81.2	40-140		2.18	20	
Endrin ketone	0.0674	0.0100	"	0.100		67.4	40-140		3.38	20	
gamma-BHC (Lindane)	0.0663	0.00400	"	0.100		66.3	40-140		4.15	20	
gamma-Chlordane	0.0612	0.0100	"	0.100		61.2	40-140		1.18	20	
Heptachlor	0.0603	0.00400	"	0.100		60.3	40-140		1.52	20	
Heptachlor epoxide	0.0647	0.00400	"	0.100		64.7	40-140		2.93	20	
Methoxychlor	0.0725	0.00400	"	0.100		72.5	40-140		2.76	20	
Surrogate: Decachlorobiphenyl	*0.0803*		*"*	*0.200*		*40.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.119*		*"*	*0.200*		*59.3*	*30-150*				
Batch BJ41951 - EPA 3550C											
Blank (BJ41951-BLK1) Blank									Prepared & Analyzed: 10/29/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0549*		*"*	*0.0664*		*82.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0687*		*"*	*0.0664*		*103*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41951 - EPA 3550C											
LCS (BJ41951-BS1) LCS								Prepared & Analyzed: 10/29/2024			
4,4'-DDD	0.0240	0.00164	mg/kg wet	0.0332		72.2	40-140				
4,4'-DDE	0.0242	0.00164	"	0.0332		73.0	40-140				
4,4'-DDT	0.0292	0.00164	"	0.0332		87.9	40-140				
Aldrin	0.0231	0.00164	"	0.0332		69.6	40-140				
alpha-BHC	0.0238	0.00164	"	0.0332		71.7	40-140				
alpha-Chlordane	0.0244	0.00164	"	0.0332		73.5	40-140				
beta-BHC	0.0253	0.00164	"	0.0332		76.3	40-140				
delta-BHC	0.0226	0.00164	"	0.0332		68.1	40-140				
Dieldrin	0.0255	0.00164	"	0.0332		76.8	40-140				
Endosulfan I	0.0245	0.00164	"	0.0332		73.9	40-140				
Endosulfan II	0.0263	0.00164	"	0.0332		79.2	40-140				
Endosulfan sulfate	0.0239	0.00164	"	0.0332		72.0	40-140				
Endrin	0.0275	0.00164	"	0.0332		82.9	40-140				
Endrin aldehyde	0.0262	0.00164	"	0.0332		78.8	40-140				
Endrin ketone	0.0260	0.00164	"	0.0332		78.2	40-140				
gamma-BHC (Lindane)	0.0240	0.00164	"	0.0332		72.2	40-140				
gamma-Chlordane	0.0239	0.00164	"	0.0332		71.9	40-140				
Heptachlor	0.0245	0.00164	"	0.0332		73.8	40-140				
Heptachlor epoxide	0.0245	0.00164	"	0.0332		73.7	40-140				
Methoxychlor	0.0310	0.00164	"	0.0332		93.4	40-140				
Surrogate: Decachlorobiphenyl	*0.0435*		*"*	*0.0664*		*65.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0553*		*"*	*0.0664*		*83.2*	*30-150*				
Matrix Spike (BJ41951-MS1) Matrix Spike *Source sample: 24J1650-01 (PE56_15.5)								Prepared: 10/29/2024 Analyzed: 10/30/2024			
4,4'-DDD	0.0305	0.00187	mg/kg dry	0.0378	ND	80.7	30-150				
4,4'-DDE	0.0291	0.00187	"	0.0378	ND	77.0	30-150				
4,4'-DDT	0.0338	0.00187	"	0.0378	ND	89.3	30-150				
Aldrin	0.0278	0.00187	"	0.0378	ND	73.6	30-150				
alpha-BHC	0.0299	0.00187	"	0.0378	ND	79.1	30-150				
alpha-Chlordane	0.0293	0.00187	"	0.0378	ND	77.5	30-150				
beta-BHC	0.0330	0.00187	"	0.0378	ND	87.2	30-150				
delta-BHC	0.0298	0.00187	"	0.0378	ND	78.8	30-150				
Dieldrin	0.0307	0.00187	"	0.0378	ND	81.1	30-150				
Endosulfan I	0.0297	0.00187	"	0.0378	ND	78.5	30-150				
Endosulfan II	0.0318	0.00187	"	0.0378	ND	84.1	30-150				
Endosulfan sulfate	0.0277	0.00187	"	0.0378	ND	73.2	30-150				
Endrin	0.0328	0.00187	"	0.0378	ND	86.9	30-150				
Endrin aldehyde	0.0302	0.00187	"	0.0378	ND	79.8	30-150				
Endrin ketone	0.0321	0.00187	"	0.0378	ND	85.0	30-150				
gamma-BHC (Lindane)	0.0299	0.00187	"	0.0378	ND	79.2	30-150				
gamma-Chlordane	0.0288	0.00187	"	0.0378	ND	76.2	30-150				
Heptachlor	0.0327	0.00187	"	0.0378	ND	86.4	30-150				
Heptachlor epoxide	0.0294	0.00187	"	0.0378	ND	77.6	30-150				
Methoxychlor	0.0349	0.00187	"	0.0378	ND	92.4	30-150				
Surrogate: Decachlorobiphenyl	*0.0497*		*"*	*0.0756*		*65.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0659*		*"*	*0.0756*		*87.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41951 - EPA 3550C											
Matrix Spike Dup (BJ41951-M Matrix Spike Dup *Source sample: 24J1650-01 (PE56_15.5)									Prepared: 10/29/2024 Analyzed: 10/30/2024		
4,4'-DDD	0.0313	0.00187	mg/kg dry	0.0378	ND	82.8	30-150		2.51	30	
4,4'-DDE	0.0298	0.00187	"	0.0378	ND	78.7	30-150		2.16	30	
4,4'-DDT	0.0350	0.00187	"	0.0378	ND	92.5	30-150		3.46	30	
Aldrin	0.0282	0.00187	"	0.0378	ND	74.7	30-150		1.41	30	
alpha-BHC	0.0300	0.00187	"	0.0378	ND	79.4	30-150		0.397	30	
alpha-Chlordane	0.0299	0.00187	"	0.0378	ND	79.1	30-150		2.08	30	
beta-BHC	0.0318	0.00187	"	0.0378	ND	84.2	30-150		3.51	30	
delta-BHC	0.0293	0.00187	"	0.0378	ND	77.5	30-150		1.69	30	
Dieldrin	0.0316	0.00187	"	0.0378	ND	83.6	30-150		3.04	30	
Endosulfan I	0.0303	0.00187	"	0.0378	ND	80.1	30-150		2.03	30	
Endosulfan II	0.0328	0.00187	"	0.0378	ND	86.8	30-150		3.20	30	
Endosulfan sulfate	0.0284	0.00187	"	0.0378	ND	75.1	30-150		2.59	30	
Endrin	0.0336	0.00187	"	0.0378	ND	88.8	30-150		2.20	30	
Endrin aldehyde	0.0316	0.00187	"	0.0378	ND	83.6	30-150		4.61	30	
Endrin ketone	0.0329	0.00187	"	0.0378	ND	87.1	30-150		2.43	30	
gamma-BHC (Lindane)	0.0302	0.00187	"	0.0378	ND	79.9	30-150		0.892	30	
gamma-Chlordane	0.0293	0.00187	"	0.0378	ND	77.6	30-150		1.90	30	
Heptachlor	0.0311	0.00187	"	0.0378	ND	82.2	30-150		4.96	30	
Heptachlor epoxide	0.0300	0.00187	"	0.0378	ND	79.3	30-150		2.11	30	
Methoxychlor	0.0361	0.00187	"	0.0378	ND	95.4	30-150		3.22	30	
Surrogate: Decachlorobiphenyl	*0.0510*		*"*	*0.0756*		*67.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0674*		*"*	*0.0756*		*89.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41817 - EPA SW846-3510C Low Level											
Blank (BJ41817-BLK2) Blank									Prepared: 10/27/2024 Analyzed: 10/29/2024		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.143*		*"*	*0.200*		*71.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0640*		*"*	*0.200*		*32.0*	*30-150*				
LCS (BJ41817-BS2) LCS									Prepared: 10/27/2024 Analyzed: 10/29/2024		
Aroclor 1016	0.838	0.0500	ug/L	1.00		83.8	40-120			20	
Aroclor 1260	0.905	0.0500	"	1.00		90.5	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.137*		*"*	*0.200*		*68.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.124*		*"*	*0.200*		*62.0*	*30-150*				
LCS Dup (BJ41817-BSD2) LCS Dup									Prepared: 10/27/2024 Analyzed: 10/29/2024		
Aroclor 1016	0.947	0.0500	ug/L	1.00		94.7	40-120		12.3	20	
Aroclor 1260	0.992	0.0500	"	1.00		99.2	40-120		9.17	20	
Surrogate: Tetrachloro-m-xylene	*0.157*		*"*	*0.200*		*78.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.135*		*"*	*0.200*		*67.5*	*30-150*				
Batch BJ41951 - EPA 3550C											
Blank (BJ41951-BLK2) Blank									Prepared & Analyzed: 10/29/2024		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0577*		*"*	*0.0667*		*86.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0450*		*"*	*0.0667*		*67.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41951 - EPA 3550C											
LCS (BJ41951-BS2) LCS								Prepared & Analyzed: 10/29/2024			
Aroclor 1016	0.235	0.0166	mg/kg wet	0.332		70.9	40-130				
Aroclor 1260	0.252	0.0166	"	0.332		75.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0498*		"	*0.0664*		*75.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0395*		"	*0.0664*		*59.5*	*30-120*				
Matrix Spike (BJ41951-MS2) Matrix Spike *Source sample: 24J1650-01 (PE56_15.5)								Prepared: 10/29/2024 Analyzed: 10/30/2024			
Aroclor 1016	0.286	0.0189	mg/kg dry	0.378	ND	75.6	40-140				
Aroclor 1260	0.283	0.0189	"	0.378	ND	74.9	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0635*		"	*0.0756*		*84.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0427*		"	*0.0756*		*56.5*	*30-120*				
Matrix Spike Dup (BJ41951-M Matrix Spike Dup *Source sample: 24J1650-01 (PE56_15.5)								Prepared: 10/29/2024 Analyzed: 10/30/2024			
Aroclor 1016	0.273	0.0189	mg/kg dry	0.378	ND	72.3	40-140		4.49	50	
Aroclor 1260	0.274	0.0189	"	0.378	ND	72.6	40-140		3.17	50	
Surrogate: Tetrachloro-m-xylene	*0.0601*		"	*0.0756*		*79.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0404*		"	*0.0756*		*53.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41796 - EPA 3550C/8151A											
Blank (BJ41796-BLK1) Blank									Prepared: 10/26/2024 Analyzed: 10/27/2024		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.310*		*"*	*0.415*		*74.6*	*21-150*				
LCS (BJ41796-BS1) LCS									Prepared: 10/26/2024 Analyzed: 10/27/2024		
2,4,5-T	0.0532	0.0199	mg/kg wet	0.0664		80.0	10-120				
2,4,5-TP (Silvex)	0.0606	0.0199	"	0.0664		91.2	10-120				
2,4-D	0.0540	0.0199	"	0.0664		81.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.355*		*"*	*0.415*		*85.6*	*21-150*				
Batch BJ41854 - EPA 8151A											
Blank (BJ41854-BLK1) Blank									Prepared & Analyzed: 10/28/2024		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*152*		*"*	*125*		*121*	*30-150*				
LCS (BJ41854-BS1) LCS									Prepared: 10/28/2024 Analyzed: 10/30/2024		
2,4,5-T	19.8	5.00	ug/L	20.0		98.8	10-140				
2,4,5-TP (Silvex)	19.5	5.00	"	20.0		97.5	10-139				
2,4-D	18.5	5.00	"	20.0		92.5	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*126*		*"*	*125*		*101*	*30-150*				
LCS Dup (BJ41854-BSD1) LCS Dup									Prepared & Analyzed: 10/28/2024		
2,4,5-T	20.0	5.00	ug/L	20.0		100	10-140		1.26	30	
2,4,5-TP (Silvex)	21.0	5.00	"	20.0		105	10-139		7.41	30	
2,4-D	20.0	5.00	"	20.0		100	10-140		7.79	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*143*		*"*	*125*		*115*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41900 - EPA 3050B											
Blank (BJ41900-BLK1) Blank									Prepared: 10/28/2024 Analyzed: 10/29/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BJ41900-SRM1) Reference									Prepared: 10/28/2024 Analyzed: 10/29/2024		
Aluminum	7030	4.17	mg/kg wet	7680		91.6	35.7-119				
Antimony	68.8	2.08	"	244		28.2	0-99.5				
Arsenic	239	1.25	"	283		84.6	69.9-101.4				
Barium	309	2.08	"	326		94.9	73.9-107.1				
Beryllium	173	0.042	"	175		98.6	75.4-107.4				
Cadmium	89.1	0.250	"	95.8		93.0	72.3-103.7				
Calcium	5580	4.17	"	5470		102	79.5-113.2				
Chromium	230	0.417	"	239		96.2	72.4-106.3				
Cobalt	149	0.333	"	150		99.1	76-107.3				
Copper	223	1.67	"	217		103	74.7-105.1				
Iron	6630	20.8	"	7360		90.0	53-127.9				
Lead	191	0.417	"	210		90.8	75.7-109.5				
Magnesium	1950	4.17	"	2080		93.8	67.3-111.1				
Manganese	264	0.417	"	290		91.0	73.4-108.3				
Nickel	331	0.830	"	329		101	74.5-106.7				
Potassium	2260	4.17	"	2330		96.9	60.9-111.6				
Selenium	262	2.08	"	281		93.1	77.6-116.7				
Silver	77.7	0.420	"	82.7		93.9	73.7-111.7				
Sodium	416	41.7	"	427		97.5	71.2-118.7				
Thallium	121	2.08	"	123		98.4	70.2-104.8				
Vanadium	182	0.830	"	192		94.8	68.8-107.8				
Zinc	230	2.08	"	260		88.5	72.7-109.2				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41961 - EPA 3015A											
Blank (BJ41961-BLK1) Blank									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	0.0729	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.0967	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BJ41961-BS1) LCS									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Aluminum	1.77		ug/mL	2.00		88.7	80-120				
Barium	1.92		"	2.00		96.0	80-120				
Calcium	1.06		"	1.00		106	80-120				
Chromium	0.196		"	0.200		98.1	80-120				
Cobalt	0.493		"	0.500		98.5	80-120				
Copper	0.244		"	0.250		97.6	80-120				
Iron	0.912		"	1.00		91.2	80-120				
Lead	0.476		"	0.500		95.2	80-120				
Magnesium	0.917		"	1.00		91.7	80-120				
Manganese	0.468		"	0.500		93.6	80-120				
Nickel	0.495		"	0.500		98.9	80-120				
Potassium	1.02		"	1.00		102	80-120				
Silver	0.0455		"	0.0500		91.0	80-120				
Sodium	1.14		"	1.00		114	80-120				
Vanadium	0.461		"	0.500		92.3	80-120				
Zinc	0.483		"	0.500		96.6	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41958 - EPA 3015A											
Blank (BJ41958-BLK1) Blank								Prepared & Analyzed: 10/29/2024			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BJ41958-BS1) LCS								Prepared & Analyzed: 10/29/2024			
Antimony	43.4		ug/L	50.0		86.7	80-120				
Arsenic	49.9		"	50.0		99.9	80-120				
Beryllium	48.6		"	50.0		97.2	80-120				
Cadmium	49.0		"	50.0		97.9	80-120				
Selenium	58.0		"	50.0		116	80-120				
Thallium	49.6		"	50.0		99.3	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41868 - EPA SW846-7470A												
Blank (BJ41868-BLK1)	Blank								Prepared & Analyzed: 10/28/2024			
Mercury		ND	0.0002	mg/L								
Blank (BJ41868-BLK2)	Blank								Prepared & Analyzed: 10/28/2024			
Mercury		ND	0.0002	mg/L								
LCS (BJ41868-BS1)	LCS								Prepared & Analyzed: 10/28/2024			
Mercury		0.0019880	0.0002	mg/L	0.00200		99.4	80-120				
LCS (BJ41868-BS2)	LCS								Prepared & Analyzed: 10/28/2024			
Mercury		0.0019048	0.0002	mg/L	0.00200		95.2	80-120				
Batch BJ41987 - EPA 7473 soil												
Blank (BJ41987-BLK1)	Blank								Prepared: 10/29/2024 Analyzed: 10/30/2024			
Mercury		ND	0.0300	mg/kg wet								
Reference (BJ41987-SRM1)	Reference								Prepared: 10/29/2024 Analyzed: 10/30/2024			
Mercury		24.860		mg/kg	18.2		137	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41702 - Analysis Preparation												
Blank (BJ41702-BLK1)	Blank								Prepared & Analyzed: 10/24/2024			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BJ41702-BS1)	LCS								Prepared & Analyzed: 10/24/2024			
Chromium, Hexavalent		0.459	0.0100	mg/L	0.500		91.8	85-115				
Duplicate (BJ41702-DUP1)	Duplicate	*Source sample: 24J1650-02 (FB_10242024)							Prepared & Analyzed: 10/24/2024			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BJ41702-MS1)	Matrix Spike	*Source sample: 24J1650-02 (FB_10242024)							Prepared & Analyzed: 10/24/2024			
Chromium, Hexavalent		0.469	0.0100	mg/L	0.500	ND	93.8	85-115				
Matrix Spike Dup (BJ41702-M	Matrix Spike Dup	*Source sample: 24J1650-02 (FB_10242024)							Prepared & Analyzed: 10/24/2024			
Chromium, Hexavalent		0.462	0.0100	mg/L	0.500	ND	92.4	85-115		1.50	200	
Batch BJ41724 - Analysis Preparation												
Blank (BJ41724-BLK1)	Blank								Prepared & Analyzed: 10/25/2024			
Cyanide, total		ND	0.0100	mg/L								
LCS (BJ41724-BS1)	LCS								Prepared & Analyzed: 10/25/2024			
Cyanide, total		0.0882	0.0100	mg/L	0.100		88.2	80-120				
Duplicate (BJ41724-DUP1)	Duplicate	*Source sample: 24J1650-02 (FB_10242024)							Prepared & Analyzed: 10/25/2024			
Cyanide, total		ND	0.0100	mg/L		ND					15	
Matrix Spike (BJ41724-MS1)	Matrix Spike	*Source sample: 24J1650-02 (FB_10242024)							Prepared & Analyzed: 10/25/2024			
Cyanide, total		0.0937	0.0100	mg/L	0.100	ND	93.7	79-105				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41724 - Analysis Preparation												
Matrix Spike Dup (BJ41724-M	Matrix Spike Dup	*Source sample: 24J1650-02 (FB_10242024)								Prepared & Analyzed: 10/25/2024		
Cyanide, total		0.0937	0.0100	mg/L	0.100	ND	93.7	79-105		0.00	200	
Batch BJ41896 - Analysis Preparation Soil												
Blank (BJ41896-BLK1)	Blank									Prepared & Analyzed: 10/28/2024		
Cyanide, total		ND	0.500	mg/kg wet								
Reference (BJ41896-SRM1)	Reference									Prepared & Analyzed: 10/28/2024		
Cyanide, total		49.2		ug/mL	59.7		82.4	0-200				
Batch BK40350 - EPA SW846-3060												
Blank (BK40350-BLK1)	Blank									Prepared & Analyzed: 11/06/2024		
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BK40350-DUP1)	Duplicate	*Source sample: 24J1650-01 (PE56_15.5)								Prepared & Analyzed: 11/06/2024		
Chromium, Hexavalent		ND	0.573	mg/kg dry		ND					35	
Matrix Spike (BK40350-MS1)	Matrix Spike	*Source sample: 24J1650-01 (PE56_15.5)								Prepared & Analyzed: 11/06/2024		
Chromium, Hexavalent		1.15	0.573	mg/kg dry	22.9	ND	5.00	75-125	Low Bias			
Matrix Spike Dup (BK40350-I	Matrix Spike Dup	*Source sample: 24J1650-01 (PE56_15.5)								Prepared & Analyzed: 11/06/2024		
Chromium, Hexavalent		0.412	0.573	mg/kg dry	22.9	ND	1.80	75-125	Low Bias	94.1	200	
Reference (BK40350-SRM1)	Reference									Prepared & Analyzed: 11/06/2024		
Chromium, Hexavalent		204		mg/L	227		89.6	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J1650-01	PE56_15.5	40mL Vial with Stir Bar-Cool 4° C
24J1650-02	FB_10242024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24J1650-04	TB_10242024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: (1) 1L amber glass was broken upon receipt for FB sample -02. The lab has sufficient volume to proceed and the client was notified.

Revision Description: Hex chrome analysis on -01 was inadvertently missed in the logbook. As a result, sample was reanalyzed. Additional missing QC also added.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24J1650

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Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany, NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kotb	Contact:
E-mail: lkotb@langan.com	E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands Ave

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day [ ] RUSH - Two Day [ ] RUSH - Three Day [ ] RUSH - Four Day [ ] RUSH - Five Day [ ] Standard (6-9 Day) [X] PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Daniel Horvath

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Crb/Cr3	PFAS	1,4-dioxane	Grab or Comp. G/C
PES6_15.5	10/24	1205	S	3									1	X	X	X	X	X	X	X	X	X	
FB_10242024	10/24	1300	AQ	10	3		1		1					X	X	X	X	X	X	X	X		
EB_10242024	10/24	1330	AQ	2																	X		
TB_10242024					2									X									

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered [ ] Lab Filtered [ ]

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
LANGAN	10/24 14:38	Afroz Habib	10/24/24 14:38	Afroz Habib	10/24/24 21:45
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCC	10/24/24 21:45 / 2.7 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 10/31/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J1755

Report Date: 10/31/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J1755

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 25, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J1755-01	PE65_22	Soil	10/25/2024	10/25/2024
24J1755-02	PE66_21	Soil	10/25/2024	10/25/2024
24J1755-03	PE73_21.5	Soil	10/25/2024	10/25/2024
24J1755-04	EB_10252024	Water	10/25/2024	10/25/2024
24J1755-05	TB_10252024	Water	10/25/2024	10/25/2024

General Notes for York Project (SDG) No.: 24J1755

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 10/31/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0044**	J	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.033**	CCVE, ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0053	0.011	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C	10/29/2024 14:37	10/30/2024 02:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0545**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	10/29/2024 08:15	10/30/2024 10:25	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*69.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*62.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/30/2024 08:38	10/31/2024 12:03	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.186	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0556	0.210	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.210	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.192	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.210	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 15:35	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.787	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.793	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.374	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 15:35	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.203	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 15:35	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0651	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 15:35	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 15:35	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.625	0.787	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.638	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.326	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.258	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.177	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 15:35	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 15:35	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.666	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 15:35	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.20	5.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 15:35	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.57	5.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 15:35	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.641	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 15:35	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 15:35	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.732	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 15:35	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 15:35	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*85.8 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*90.0 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*70.4 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*91.0 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*97.5 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*83.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*76.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*58.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*8.48 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*92.4 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*84.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*91.9 %*		*10-150*

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*82.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.1 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*69.4 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*72.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*97.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*89.5 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*55.3 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*49.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*86.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*52.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*64.0 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:17	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:00	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:00	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0213	1	EPA 8151A	10/29/2024 08:17	10/30/2024 10:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0213	1	EPA 8151A	10/29/2024 08:17	10/30/2024 10:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0213	1	EPA 8151A	10/29/2024 08:17	10/30/2024 10:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*87.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5470**		mg/kg dry	4.45	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.23	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.34	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**22.8**		mg/kg dry	2.22	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.214**		mg/kg dry	0.045	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.267	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**613**	B	mg/kg dry	4.45	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.6**		mg/kg dry	0.446	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.53**		mg/kg dry	0.356	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**7.10**		mg/kg dry	1.78	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**7460**		mg/kg dry	22.3	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**4.73**		mg/kg dry	0.446	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1730**		mg/kg dry	4.46	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**88.7**		mg/kg dry	0.446	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**15.3**		mg/kg dry	0.887	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**513**		mg/kg dry	4.46	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.23	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.449	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**81.1**		mg/kg dry	44.5	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.23	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**11.1**		mg/kg dry	0.887	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**17.4**		mg/kg dry	2.22	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:05	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0321	1	EPA 7473	10/29/2024 13:26	10/30/2024 13:48	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.534	1	EPA 7196A	10/28/2024 14:38	10/28/2024 22:22	ZTS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE65_22 **York Sample ID:** 24J1755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:00 am	10/25/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**10.6**		mg/kg	0.500	1	Calculation	10/30/2024 17:34	10/30/2024 17:44	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.534	1	EPA 9014/9010C	10/28/2024 22:50	10/28/2024 23:03	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**93.6**		%	0.100	1	SM 2540G	10/28/2024 11:22	10/28/2024 15:01	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.065	0.13	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.012**	CCVE	mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.059**	CCVE, ICVE	mg/kg dry	0.0065	0.013	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0065	0.013	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0075**	J	mg/kg dry	0.0065	0.013	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0097	0.019	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:17	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0920	0.184	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CCVE	mg/kg dry	0.0920	0.184	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0920	0.184	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.184	0.368	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0882**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0632**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.153**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND	CCVE, ICVE	mg/kg dry	0.0920	0.184	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0956**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.0948**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0801**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.157**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	10/29/2024 08:15	10/30/2024 16:47	LL
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*86.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*81.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.5 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	10/30/2024 08:38	10/31/2024 12:20	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.194	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 16:07	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0581	0.219	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 16:07	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 16:07	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.201	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 16:07	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.189	0.219	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 16:07	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.183	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.823	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.828	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.877	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.390	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:07	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.212	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:07	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0680	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:07	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:07	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.653	0.823	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.667	0.877	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.341	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.270	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.829	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:07	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:07	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.695	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:07	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.30	5.48	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:07	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.48	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:07	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.670	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:07	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:07	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.764	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:07	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:07	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*88.8 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*94.0 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*79.3 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*89.8 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*103 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*87.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*70.2 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*65.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*1.88 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*104 %*		*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*44.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*90.7 %*		*10-150*

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.2 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*93.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*104 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*91.3 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*93.1 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*50.1 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*43.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*88.9 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*50.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*59.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:34	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*116 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:14	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:14	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-120*

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	10/29/2024 08:17	10/30/2024 10:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	10/29/2024 08:17	10/30/2024 10:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	10/29/2024 08:17	10/30/2024 10:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*78.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5000**		mg/kg dry	4.62	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.73**		mg/kg dry	1.39	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**98.7**		mg/kg dry	2.31	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.293**		mg/kg dry	0.047	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.296**		mg/kg dry	0.277	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**9450**	B	mg/kg dry	4.62	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**11.0**		mg/kg dry	0.463	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.28**		mg/kg dry	0.370	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**26.6**		mg/kg dry	1.85	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**13900**		mg/kg dry	23.1	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**317**		mg/kg dry	0.463	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1570**		mg/kg dry	4.63	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**226**		mg/kg dry	0.463	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.3**		mg/kg dry	0.921	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**603**		mg/kg dry	4.63	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.466	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**126**		mg/kg dry	46.2	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.3**		mg/kg dry	0.921	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**105**		mg/kg dry	2.30	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.195**		mg/kg dry	0.0333	1	EPA 7473	10/29/2024 13:26	10/30/2024 13:48	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.555	1	EPA 7196A	10/28/2024 14:38	10/28/2024 22:22	ZTS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE66_21 **York Sample ID:** 24J1755-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:05 am	10/25/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	11.0		mg/kg	0.500	1	Calculation	10/30/2024 17:34	10/30/2024 17:44	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.555	1	EPA 9014/9010C	10/28/2024 22:50	10/28/2024 23:03	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.1		%	0.100	1	SM 2540G	10/28/2024 11:22	10/28/2024 15:01	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0060**	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.039**	CCVE, ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	mg/kg dry	0.0052	0.010	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0054**	J	mg/kg dry	0.0052	0.010	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	10/29/2024 14:37	10/30/2024 03:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0891	0.178	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0891	0.178	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0891	0.178	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0891	0.178	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0891	0.178	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0891	0.178	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0891	0.178	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0891	0.178	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.357	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.178	0.357	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0891	0.178	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0447	0.0891	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.357	2	EPA 8270D	10/29/2024 08:15	10/30/2024 11:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*55.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*63.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	10/30/2024 08:38	10/31/2024 12:38	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 16:23	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0562	0.212	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 16:23	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 16:23	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 16:23	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.212	1	EPA 1633 Draft 3	10/29/2024 15:11	10/30/2024 16:23	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.796	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.801	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.378	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:23	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:23	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0658	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:23	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:23	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.631	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.645	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
83329-89-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.330	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.261	0.793	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.802	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:23	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	10/29/2024 15:11	10/30/2024 16:23	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND	PF-LCS-L	ug/kg dry	0.672	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:23	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.23	5.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:23	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.59	5.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:23	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.648	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:23	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:23	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.739	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:23	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	10/29/2024 15:11	10/30/2024 16:23	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*107 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*95.5 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*126 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*132 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*88.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*76.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*77.0 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*104 %*	*25-150*
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*107 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*109 %*	*10-150*

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*110 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*87.7 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*93.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*109 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*113 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*74.3 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*61.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*118 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*62.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*78.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.177	5	EPA 8081B	10/29/2024 08:24	10/30/2024 01:51	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:28	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	10/29/2024 08:24	10/30/2024 06:28	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.0 %*	*30-120*

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0212	1	EPA 8151A	10/29/2024 08:17	10/30/2024 11:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	10/29/2024 08:17	10/30/2024 11:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0212	1	EPA 8151A	10/29/2024 08:17	10/30/2024 11:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*93.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7400**		mg/kg dry	4.48	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.71**		mg/kg dry	1.34	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**10.5**		mg/kg dry	2.24	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.264**		mg/kg dry	0.045	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.269	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**943**	B	mg/kg dry	4.48	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**14.6**		mg/kg dry	0.449	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.89**		mg/kg dry	0.358	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**10.5**		mg/kg dry	1.79	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**10700**		mg/kg dry	22.4	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**3.78**		mg/kg dry	0.449	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**3120**		mg/kg dry	4.49	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**139**		mg/kg dry	0.449	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**22.6**		mg/kg dry	0.893	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**648**		mg/kg dry	4.49	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.452	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**112**		mg/kg dry	44.8	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.24	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**17.0**		mg/kg dry	0.893	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**18.0**		mg/kg dry	2.23	1	EPA 6010D	10/29/2024 14:49	10/30/2024 14:18	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0323	1	EPA 7473	10/29/2024 13:26	10/30/2024 13:48	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.538	1	EPA 7196A	10/28/2024 14:38	10/28/2024 22:22	ZTS
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE73_21.5 **York Sample ID:** 24J1755-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Soil	October 25, 2024 8:10 am	10/25/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	14.6		mg/kg	0.500	1	Calculation	10/30/2024 17:34	10/30/2024 17:44	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.538	1	EPA 9014/9010C	10/28/2024 22:50	10/28/2024 23:03	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.0		%	0.100	1	SM 2540G	10/28/2024 11:22	10/28/2024 15:01	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: EB_10252024 **York Sample ID:** 24J1755-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Water	October 25, 2024 9:00 am	10/25/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.450	1.70	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.335	1.92	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.680	1.92	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.652	1.75	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.403	1.92	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.786	1.78	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.498	1.92	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.719	1.92	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.92	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.843	1.92	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.709	1.92	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.661	1.92	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.757	1.92	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.987	1.92	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.220	3.83	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.843	1.92	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.872	1.83	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.27	1.85	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	5.75	7.28	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.96	7.36	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.316	7.67	1	EPA 1633 Draft 3	10/29/2024 15:32	10/31/2024 01:15	AM
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: EB_10252024 **York Sample ID:** 24J1755-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Water	October 25, 2024 9:00 am	10/25/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.479	3.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/29/2024 15:32	10/31/2024 01:15	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.05	3.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/29/2024 15:32	10/31/2024 01:15	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.240	3.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/29/2024 15:32	10/31/2024 01:15	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.355	3.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	10/29/2024 15:32	10/31/2024 01:15	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.728	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/29/2024 15:32	10/31/2024 01:15	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.72	7.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/29/2024 15:32	10/31/2024 01:15	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.10	7.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/29/2024 15:32	10/31/2024 01:15	AM
83329-89-9	11CL-PF3OUdS	ND		ng/L	1.32	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/29/2024 15:32	10/31/2024 01:15	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.671	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/29/2024 15:32	10/31/2024 01:15	AM
919005-14-4	ADONA	ND		ng/L	0.508	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	10/29/2024 15:32	10/31/2024 01:15	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.891	1.86	1	EPA 1633 Draft 3 Certifications:	10/29/2024 15:32	10/31/2024 01:15	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.824	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	10/29/2024 15:32	10/31/2024 01:15	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.95	4.79	1	EPA 1633 Draft 3 Certifications:	10/29/2024 15:32	10/31/2024 01:15	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.02	24.0	1	EPA 1633 Draft 3 Certifications:	10/29/2024 15:32	10/31/2024 01:15	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.08	24.0	1	EPA 1633 Draft 3 Certifications:	10/29/2024 15:32	10/31/2024 01:15	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.82	19.2	1	EPA 1633 Draft 3 Certifications:	10/29/2024 15:32	10/31/2024 01:15	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.92	1	EPA 1633 Draft 3 Certifications:	10/29/2024 15:32	10/31/2024 01:15	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.82	19.2	1	EPA 1633 Draft 3 Certifications:	10/29/2024 15:32	10/31/2024 01:15	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.73	1.92	1	EPA 1633 Draft 3 Certifications:	10/29/2024 15:32	10/31/2024 01:15	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*98.7 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*128 %*	*25-150*

Sample Information

Client Sample ID: EB_10252024 **York Sample ID:** 24J1755-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Water	October 25, 2024 9:00 am	10/25/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*141 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*146 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*92.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*79.2 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*2.02 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*116 %*			*25-150*						
2283397-79-3	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*65.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*126 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*98.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*94.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*95.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*112 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*134 %*			*25-150*						
d-N-MeFOSA	*Surrogate: d-N-MeFOSA*	*87.8 %*			*25-150*						
d-N-EtFOSA	*Surrogate: d-N-EtFOSA*	*65.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*66.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*86.0 %*			*25-150*						

Sample Information

Client Sample ID: TB_10252024 **York Sample ID:** 24J1755-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Water	October 25, 2024 9:00 am	10/25/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10252024 **York Sample ID:** 24J1755-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Water	October 25, 2024 9:00 am	10/25/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**1.00**		ug/L	0.422	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10252024 **York Sample ID:** 24J1755-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Water	October 25, 2024 9:00 am	10/25/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10252024 **York Sample ID:** 24J1755-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J1755	100688801	Water	October 25, 2024 9:00 am	10/25/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	10/30/2024 11:30	10/30/2024 14:21	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*83.4 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*113 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.5 %*	*70-130*

Analytical Batch Summary

Batch ID: BJ41888 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-01	PE65_22	10/28/24
24J1755-02	PE66_21	10/28/24
24J1755-03	PE73_21.5	10/28/24

Batch ID: BJ41896 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-01	PE65_22	10/28/24
24J1755-02	PE66_21	10/28/24
24J1755-03	PE73_21.5	10/28/24
BJ41896-BLK1	Blank	10/28/24
BJ41896-SRM1	Reference	10/28/24

Batch ID: BJ41898 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-01	PE65_22	10/28/24
24J1755-02	PE66_21	10/28/24
24J1755-03	PE73_21.5	10/28/24
BJ41898-BLK1	Blank	10/28/24
BJ41898-SRM1	Reference	10/28/24

Batch ID: BJ41947 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-01	PE65_22	10/29/24
24J1755-02	PE66_21	10/29/24
24J1755-03	PE73_21.5	10/29/24
BJ41947-BLK1	Blank	10/29/24
BJ41947-BS1	LCS	10/29/24

Batch ID: BJ41948 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-01	PE65_22	10/29/24
24J1755-02	PE66_21	10/29/24
24J1755-03	PE73_21.5	10/29/24
BJ41948-BLK1	Blank	10/29/24
BJ41948-BS1	LCS	10/29/24

Batch ID: BJ41951 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-01	PE65_22	10/29/24
24J1755-01	PE65_22	10/29/24
24J1755-02	PE66_21	10/29/24
24J1755-02	PE66_21	10/29/24
24J1755-03	PE73_21.5	10/29/24
24J1755-03	PE73_21.5	10/29/24
BJ41951-BLK1	Blank	10/29/24
BJ41951-BLK2	Blank	10/29/24
BJ41951-BS1	LCS	10/29/24
BJ41951-BS2	LCS	10/29/24

Batch ID: BJ41986 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-01	PE65_22	10/29/24
24J1755-02	PE66_21	10/29/24
24J1755-03	PE73_21.5	10/29/24
BJ41986-BLK1	Blank	10/29/24
BJ41986-SRM1	Reference	10/29/24

Batch ID: BJ41993 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-01	PE65_22	10/29/24
24J1755-02	PE66_21	10/29/24
24J1755-03	PE73_21.5	10/29/24
BJ41993-BLK1	Blank	10/29/24
BJ41993-SRM1	Reference	10/29/24

Batch ID: BJ42001 **Preparation Method:** EPA 1633 Prep **Prepared By:** SK2

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-01	PE65_22	10/29/24
24J1755-02	PE66_21	10/29/24
24J1755-03	PE73_21.5	10/29/24
BJ42001-BLK1	Blank	10/29/24
BJ42001-BS1	LCS	10/29/24
BJ42001-BS2	LCS	10/29/24
BJ42001-DUP1	Duplicate	10/29/24

Batch ID: BJ42006 **Preparation Method:** EPA 1633 Prep **Prepared By:** DRF

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-04	EB_10252024	10/29/24
BJ42006-BLK1	Blank	10/29/24
BJ42006-BS1	LCS	10/29/24
BJ42006-BS2	LCS	10/29/24

Batch ID: BJ42057 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-01	PE65_22	10/30/24
24J1755-02	PE66_21	10/30/24
24J1755-03	PE73_21.5	10/30/24
BJ42057-BLK1	Blank	10/30/24
BJ42057-BS1	LCS	10/30/24

Batch ID: BJ42091 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-05	TB_10252024	10/30/24
BJ42091-BLK1	Blank	10/30/24
BJ42091-BS1	LCS	10/30/24
BJ42091-BSD1	LCS Dup	10/30/24

Batch ID: BJ42095 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-01	PE65_22	10/29/24
24J1755-02	PE66_21	10/29/24
24J1755-03	PE73_21.5	10/29/24
BJ42095-BLK1	Blank	10/29/24
BJ42095-BS1	LCS	10/29/24
BJ42095-BSD1	LCS Dup	10/29/24

Batch ID: BJ42127 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J1755-01	PE65_22	10/30/24
24J1755-02	PE66_21	10/30/24
24J1755-03	PE73_21.5	10/30/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42091 - EPA 5030B											
Blank (BJ42091-BLK1) Blank									Prepared & Analyzed: 10/30/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42091 - EPA 5030B											
Blank (BJ42091-BLK1) Blank								Prepared & Analyzed: 10/30/2024			
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.68*		*"*	*10.0*		*86.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*11.0*		*"*	*10.0*		*110*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.07*		*"*	*10.0*		*90.7*	*70-130*				
LCS (BJ42091-BS1) LCS								Prepared & Analyzed: 10/30/2024			
1,1,1,2-Tetrachloroethane	12.5		ug/L	10.0		125	82-126			30	
1,1,1-Trichloroethane	11.2		"	10.0		112	70-130			20	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	70-130			20	
1,1,2-Trichloroethane	10.5		"	10.0		105	70-130			20	
1,1-Dichloroethane	11.0		"	10.0		110	70-130			20	
1,1-Dichloroethylene	11.9		"	10.0		119	70-130			20	
1,1-Dichloropropylene	11.6		"	10.0		116	83-133			30	
1,2,3-Trichlorobenzene	8.25		"	10.0		82.5	70-130			20	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128			30	
1,2,4-Trichlorobenzene	8.35		"	10.0		83.5	70-130			20	
1,2,4-Trimethylbenzene	11.5		"	10.0		115	82-132			20	
1,2-Dibromo-3-chloropropane	11.5		"	10.0		115	40-160			20	
1,2-Dibromoethane	10.2		"	10.0		102	70-130			20	
1,2-Dichlorobenzene	10.6		"	10.0		106	70-130			20	
1,2-Dichloroethane	9.72		"	10.0		97.2	70-130			20	
1,2-Dichloropropane	12.6		"	10.0		126	70-130			20	
1,3,5-Trimethylbenzene	12.1		"	10.0		121	80-131			30	
1,3-Dichlorobenzene	10.9		"	10.0		109	70-130			20	
1,3-Dichloropropane	10.9		"	10.0		109	81-125			30	
1,4-Dichlorobenzene	10.6		"	10.0		106	70-130			20	
1,4-Dioxane	188		"	210		89.4	40-160			20	
2,2-Dichloropropane	12.0		"	10.0		120	56-150			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42091 - EPA 5030B											
LCS (BJ42091-BS1) LCS								Prepared & Analyzed: 10/30/2024			
2-Butanone	9.46		ug/L	10.0		94.6	40-160			20	
2-Chlorotoluene	12.0		"	10.0		120	79-130			30	
2-Hexanone	9.29		"	10.0		92.9	40-160			20	
4-Chlorotoluene	12.0		"	10.0		120	79-128			30	
4-Methyl-2-pentanone	8.58		"	10.0		85.8	40-160			20	
Acetone	9.87		"	10.0		98.7	40-160			20	
Acrolein	0.980		"	10.0		9.80	10-153	Low Bias		30	
Acrylonitrile	9.28		"	10.0		92.8	51-150			30	
Benzene	11.4		"	10.0		114	70-130			20	
Bromobenzene	11.7		"	10.0		117	78-129			30	
Bromochloromethane	10.4		"	10.0		104	70-130			20	
Bromodichloromethane	12.4		"	10.0		124	70-130			20	
Bromoform	9.61		"	10.0		96.1	70-130			20	
Bromomethane	9.64		"	10.0		96.4	40-160			20	
Carbon disulfide	12.4		"	10.0		124	40-160			20	
Carbon tetrachloride	12.1		"	10.0		121	70-130			20	
Chlorobenzene	11.7		"	10.0		117	70-130			20	
Chloroethane	11.0		"	10.0		110	40-160			20	
Chloroform	10.6		"	10.0		106	70-130			20	
Chloromethane	9.43		"	10.0		94.3	40-160			20	
cis-1,2-Dichloroethylene	11.3		"	10.0		113	70-130			20	
cis-1,3-Dichloropropylene	11.5		"	10.0		115	70-130			20	
Cyclohexane	5.64		"	10.0		56.4	70-130	Low Bias		20	
Dibromochloromethane	10.3		"	10.0		103	70-130			20	
Dibromomethane	10.5		"	10.0		105	72-134			30	
Dichlorodifluoromethane	5.55		"	10.0		55.5	40-160			20	
Ethyl Benzene	13.6		"	10.0		136	70-130	High Bias		20	
Hexachlorobutadiene	7.50		"	10.0		75.0	67-146			30	
Isopropylbenzene	13.1		"	10.0		131	70-130	High Bias		20	
Methyl acetate	8.48		"	10.0		84.8	70-130			20	
Methyl tert-butyl ether (MTBE)	8.55		"	10.0		85.5	70-130			20	
Methylcyclohexane	11.8		"	10.0		118	70-130			20	
Methylene chloride	10.7		"	10.0		107	70-130			20	
n-Butylbenzene	10.3		"	10.0		103	79-132			30	
n-Propylbenzene	12.6		"	10.0		126	78-133			30	
o-Xylene	12.4		"	10.0		124	70-130			20	
p- & m- Xylenes	26.3		"	20.0		132	70-130	High Bias		20	
p-Isopropyltoluene	11.4		"	10.0		114	81-136			30	
sec-Butylbenzene	11.1		"	10.0		111	79-137			30	
Styrene	12.7		"	10.0		127	70-130			20	
tert-Butyl alcohol (TBA)	34.2		"	50.0		68.4	25-162			30	
tert-Butylbenzene	10.3		"	10.0		103	77-138			30	
Tetrachloroethylene	12.0		"	10.0		120	70-130			20	
Toluene	13.1		"	10.0		131	70-130	High Bias		20	
trans-1,2-Dichloroethylene	11.7		"	10.0		117	70-130			20	
trans-1,3-Dichloropropylene	11.5		"	10.0		115	70-130			20	
Trichloroethylene	12.8		"	10.0		128	70-130			20	
Trichlorofluoromethane	11.1		"	10.0		111	40-160			20	
Vinyl Chloride	9.60		"	10.0		96.0	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*7.47*		*"*	*10.0*		*74.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*11.4*		*"*	*10.0*		*114*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42091 - EPA 5030B											
LCS (BJ42091-BS1) LCS								Prepared & Analyzed: 10/30/2024			
Surrogate: SURR: p-Bromofluorobenzene	*9.38*		*ug/L*	*10.0*		*93.8*	*70-130*				
LCS Dup (BJ42091-BSD1) LCS Dup								Prepared & Analyzed: 10/30/2024			
1,1,1,2-Tetrachloroethane	12.3		ug/L	10.0		123	82-126		1.53	30	
1,1,1-Trichloroethane	10.7		"	10.0		107	70-130		4.83	20	
1,1,2,2-Tetrachloroethane	11.5		"	10.0		115	70-130		6.54	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130		7.98	20	
1,1,2-Trichloroethane	11.6		"	10.0		116	70-130		10.5	20	
1,1-Dichloroethane	10.8		"	10.0		108	70-130		1.65	20	
1,1-Dichloroethylene	11.1		"	10.0		111	70-130		7.65	20	
1,1-Dichloropropylene	11.0		"	10.0		110	83-133		5.41	30	
1,2,3-Trichlorobenzene	8.87		"	10.0		88.7	70-130		7.24	20	
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128		3.73	30	
1,2,4-Trichlorobenzene	8.87		"	10.0		88.7	70-130		6.04	20	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		11.3	20	
1,2-Dibromo-3-chloropropane	12.2		"	10.0		122	40-160		5.75	20	
1,2-Dibromoethane	11.1		"	10.0		111	70-130		8.65	20	
1,2-Dichlorobenzene	10.5		"	10.0		105	70-130		1.70	20	
1,2-Dichloroethane	10.7		"	10.0		107	70-130		9.69	20	
1,2-Dichloropropane	12.2		"	10.0		122	70-130		2.82	20	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		13.1	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	70-130		8.04	20	
1,3-Dichloropropane	11.7		"	10.0		117	81-125		6.71	30	
1,4-Dichlorobenzene	9.99		"	10.0		99.9	70-130		5.64	20	
1,4-Dioxane	204		"	210		97.2	40-160		8.41	20	
2,2-Dichloropropane	11.3		"	10.0		113	56-150		6.27	30	
2-Butanone	11.7		"	10.0		117	40-160		20.9	20	Non-dir.
2-Chlorotoluene	10.4		"	10.0		104	79-130		14.1	30	
2-Hexanone	11.3		"	10.0		113	40-160		19.9	20	
4-Chlorotoluene	10.8		"	10.0		108	79-128		10.6	30	
4-Methyl-2-pentanone	10.3		"	10.0		103	40-160		18.6	20	
Acetone	11.2		"	10.0		112	40-160		12.6	20	
Acrolein	0.950		"	10.0		9.50	10-153	Low Bias	3.11	30	
Acrylonitrile	11.1		"	10.0		111	51-150		17.7	30	
Benzene	11.2		"	10.0		112	70-130		1.77	20	
Bromobenzene	11.0		"	10.0		110	78-129		6.61	30	
Bromochloromethane	11.2		"	10.0		112	70-130		7.33	20	
Bromodichloromethane	12.3		"	10.0		123	70-130		1.29	20	
Bromoform	10.6		"	10.0		106	70-130		10.3	20	
Bromomethane	9.17		"	10.0		91.7	40-160		5.00	20	
Carbon disulfide	11.5		"	10.0		115	40-160		7.35	20	
Carbon tetrachloride	11.3		"	10.0		113	70-130		6.32	20	
Chlorobenzene	11.1		"	10.0		111	70-130		4.90	20	
Chloroethane	10.4		"	10.0		104	40-160		5.61	20	
Chloroform	10.7		"	10.0		107	70-130		0.0939	20	
Chloromethane	8.66		"	10.0		86.6	40-160		8.51	20	
cis-1,2-Dichloroethylene	11.2		"	10.0		112	70-130		0.621	20	
cis-1,3-Dichloropropylene	11.7		"	10.0		117	70-130		1.38	20	
Cyclohexane	5.32		"	10.0		53.2	70-130	Low Bias	5.84	20	
Dibromochloromethane	10.9		"	10.0		109	70-130		5.20	20	
Dibromomethane	11.4		"	10.0		114	72-134		7.50	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42091 - EPA 5030B											
LCS Dup (BJ42091-BSD1) LCS Dup								Prepared & Analyzed: 10/30/2024			
Dichlorodifluoromethane	5.12		ug/L	10.0		51.2	40-160		8.06	20	
Ethyl Benzene	12.5		"	10.0		125	70-130		8.27	20	
Hexachlorobutadiene	6.61		"	10.0		66.1	67-146	Low Bias	12.6	30	
Isopropylbenzene	11.2		"	10.0		112	70-130		15.9	20	
Methyl acetate	10.3		"	10.0		103	70-130		19.7	20	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	70-130		19.8	20	
Methylcyclohexane	10.6		"	10.0		106	70-130		10.2	20	
Methylene chloride	10.9		"	10.0		109	70-130		1.67	20	
n-Butylbenzene	9.31		"	10.0		93.1	79-132		10.0	30	
n-Propylbenzene	11.0		"	10.0		110	78-133		13.7	30	
o-Xylene	11.7		"	10.0		117	70-130		5.96	20	
p- & m- Xylenes	24.6		"	20.0		123	70-130		6.72	20	
p-Isopropyltoluene	10.0		"	10.0		100	81-136		13.2	30	
sec-Butylbenzene	9.81		"	10.0		98.1	79-137		12.7	30	
Styrene	12.3		"	10.0		123	70-130		2.80	20	
tert-Butyl alcohol (TBA)	41.8		"	50.0		83.6	25-162		19.9	30	
tert-Butylbenzene	9.05		"	10.0		90.5	77-138		12.5	30	
Tetrachloroethylene	10.7		"	10.0		107	70-130		11.7	20	
Toluene	12.1		"	10.0		121	70-130		8.34	20	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	70-130		6.26	20	
trans-1,3-Dichloropropylene	12.2		"	10.0		122	70-130		6.00	20	
Trichloroethylene	11.5		"	10.0		115	70-130		11.1	20	
Trichlorofluoromethane	10.2		"	10.0		102	40-160		7.89	20	
Vinyl Chloride	8.85		"	10.0		88.5	70-130		8.13	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.50*		*"*	*10.0*		*85.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.9*		*"*	*10.0*		*109*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.90*		*"*	*10.0*		*89.0*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42095 - EPA 5035A											
Blank (BJ42095-BLK1) Blank									Prepared & Analyzed: 10/29/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	0.0053	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42095 - EPA 5035A											
Blank (BJ42095-BLK1) Blank								Prepared & Analyzed: 10/29/2024			
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.3*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				
LCS (BJ42095-BS1) LCS								Prepared & Analyzed: 10/29/2024			
1,1,1,2-Tetrachloroethane	46.4		ug/L	50.0		92.8	75-129			30	
1,1,1-Trichloroethane	51.6		"	50.0		103	70-130			30	
1,1,2,2-Tetrachloroethane	48.0		"	50.0		95.9	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.1		"	50.0		92.3	70-130			30	
1,1,2-Trichloroethane	44.9		"	50.0		89.8	70-130			30	
1,1-Dichloroethane	45.6		"	50.0		91.1	70-130			30	
1,1-Dichloroethylene	46.6		"	50.0		93.1	70-130			30	
1,1-Dichloropropylene	49.1		"	50.0		98.1	77-127			30	
1,2,3-Trichlorobenzene	53.5		"	50.0		107	70-130			30	
1,2,3-Trichloropropane	45.4		"	50.0		90.9	81-126			30	
1,2,4-Trichlorobenzene	55.6		"	50.0		111	70-130			30	
1,2,4-Trimethylbenzene	48.1		"	50.0		96.2	84-125			30	
1,2-Dibromo-3-chloropropane	50.0		"	50.0		100	40-160			30	
1,2-Dibromoethane	45.4		"	50.0		90.8	70-130			30	
1,2-Dichlorobenzene	47.2		"	50.0		94.4	70-130			30	
1,2-Dichloroethane	49.2		"	50.0		98.5	70-130			30	
1,2-Dichloropropane	46.1		"	50.0		92.2	70-130			30	
1,3,5-Trimethylbenzene	47.4		"	50.0		94.8	82-126			30	
1,3-Dichlorobenzene	46.4		"	50.0		92.7	70-130			30	
1,3-Dichloropropane	46.3		"	50.0		92.6	83-123			30	
1,4-Dichlorobenzene	46.1		"	50.0		92.3	70-130			30	
1,4-Dioxane	910		"	1050		86.6	40-160			30	
2,2-Dichloropropane	62.9		"	50.0		126	67-136			30	
2-Butanone	47.8		"	50.0		95.6	40-160			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42095 - EPA 5035A											
LCS (BJ42095-BS1) LCS								Prepared & Analyzed: 10/29/2024			
2-Chlorotoluene	46.2		ug/L	50.0		92.4	78-127			30	
2-Hexanone	51.6		"	50.0		103	40-160			30	
4-Chlorotoluene	47.6		"	50.0		95.2	79-125			30	
4-Methyl-2-pentanone	38.5		"	50.0		77.1	40-160			30	
Acetone	34.0		"	50.0		67.9	40-160			30	
Acrolein	2.38		"	50.0		4.76	10-238	Low Bias		30	
Acrylonitrile	46.7		"	50.0		93.4	66-141			30	
Benzene	47.4		"	50.0		94.7	70-130			30	
Bromobenzene	47.2		"	50.0		94.5	77-129			30	
Bromochloromethane	43.5		"	50.0		86.9	70-130			30	
Bromodichloromethane	48.3		"	50.0		96.6	70-130			30	
Bromoform	46.4		"	50.0		92.7	70-130			30	
Bromomethane	14.5		"	50.0		29.0	40-160	Low Bias		30	
Carbon disulfide	43.7		"	50.0		87.3	40-160			30	
Carbon tetrachloride	52.4		"	50.0		105	70-130			30	
Chlorobenzene	45.8		"	50.0		91.5	70-130			30	
Chloroethane	36.2		"	50.0		72.4	51-142			30	
Chloroform	49.5		"	50.0		98.9	70-130			30	
Chloromethane	39.5		"	50.0		79.0	49-132			30	
cis-1,2-Dichloroethylene	47.5		"	50.0		95.0	70-130			30	
cis-1,3-Dichloropropylene	48.1		"	50.0		96.3	70-130			30	
Cyclohexane	44.0		"	50.0		88.1	70-130			30	
Dibromochloromethane	44.3		"	50.0		88.6	70-130			30	
Dibromomethane	45.4		"	50.0		90.8	83-124			30	
Dichlorodifluoromethane	19.7		"	50.0		39.5	40-160	Low Bias		30	
Ethyl Benzene	48.3		"	50.0		96.6	70-130			30	
Hexachlorobutadiene	58.3		"	50.0		117	83-133			30	
Isopropylbenzene	47.9		"	50.0		95.9	70-130			30	
Methyl acetate	41.7		"	50.0		83.3	70-130			30	
Methyl tert-butyl ether (MTBE)	55.7		"	50.0		111	70-130			30	
Methylcyclohexane	44.3		"	50.0		88.6	70-130			30	
Methylene chloride	41.0		"	50.0		82.0	70-130			30	
n-Butylbenzene	49.5		"	50.0		98.9	80-130			30	
n-Propylbenzene	47.7		"	50.0		95.5	74-136			30	
o-Xylene	47.2		"	50.0		94.3	70-130			30	
p- & m- Xylenes	93.7		"	100		93.7	70-130			30	
p-Isopropyltoluene	50.6		"	50.0		101	85-125			30	
sec-Butylbenzene	48.8		"	50.0		97.6	83-125			30	
Styrene	49.3		"	50.0		98.6	70-130			30	
tert-Butyl alcohol (TBA)	336		"	250		134	70-130	High Bias		30	
tert-Butylbenzene	41.5		"	50.0		82.9	80-127			30	
Tetrachloroethylene	40.9		"	50.0		81.8	70-130			30	
Toluene	46.0		"	50.0		92.0	70-130			30	
trans-1,2-Dichloroethylene	45.2		"	50.0		90.3	70-130			30	
trans-1,3-Dichloropropylene	51.7		"	50.0		103	70-130			30	
Trichloroethylene	47.8		"	50.0		95.6	70-130			30	
Trichlorofluoromethane	39.6		"	50.0		79.3	40-160			30	
Vinyl Chloride	40.6		"	50.0		81.2	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42095 - EPA 5035A											
LCS (BJ42095-BS1) LCS								Prepared & Analyzed: 10/29/2024			
LCS Dup (BJ42095-BSD1) LCS Dup								Prepared & Analyzed: 10/29/2024			
1,1,1,2-Tetrachloroethane	46.6		ug/L	50.0		93.3	75-129		0.580	30	
1,1,1-Trichloroethane	45.4		"	50.0		90.8	70-130		12.7	30	
1,1,2,2-Tetrachloroethane	45.6		"	50.0		91.2	70-130		5.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.1		"	50.0		92.2	70-130		0.0868	30	
1,1,2-Trichloroethane	44.8		"	50.0		89.7	70-130		0.134	30	
1,1-Dichloroethane	46.0		"	50.0		91.9	70-130		0.918	30	
1,1-Dichloroethylene	46.6		"	50.0		93.3	70-130		0.129	30	
1,1-Dichloropropylene	47.3		"	50.0		94.6	77-127		3.63	30	
1,2,3-Trichlorobenzene	44.5		"	50.0		89.1	70-130		18.2	30	
1,2,3-Trichloropropane	45.3		"	50.0		90.7	81-126		0.242	30	
1,2,4-Trichlorobenzene	46.2		"	50.0		92.5	70-130		18.4	30	
1,2,4-Trimethylbenzene	47.1		"	50.0		94.2	84-125		2.12	30	
1,2-Dibromo-3-chloropropane	46.0		"	50.0		92.1	40-160		8.33	30	
1,2-Dibromoethane	45.8		"	50.0		91.7	70-130		0.942	30	
1,2-Dichlorobenzene	45.7		"	50.0		91.4	70-130		3.14	30	
1,2-Dichloroethane	45.8		"	50.0		91.5	70-130		7.37	30	
1,2-Dichloropropane	43.3		"	50.0		86.6	70-130		6.24	30	
1,3,5-Trimethylbenzene	45.8		"	50.0		91.7	82-126		3.35	30	
1,3-Dichlorobenzene	45.2		"	50.0		90.3	70-130		2.60	30	
1,3-Dichloropropane	44.8		"	50.0		89.6	83-123		3.25	30	
1,4-Dichlorobenzene	44.7		"	50.0		89.4	70-130		3.19	30	
1,4-Dioxane	842		"	1050		80.2	40-160		7.68	30	
2,2-Dichloropropane	58.7		"	50.0		117	67-136		6.89	30	
2-Butanone	47.6		"	50.0		95.1	40-160		0.566	30	
2-Chlorotoluene	44.9		"	50.0		89.8	78-127		2.83	30	
2-Hexanone	45.9		"	50.0		91.7	40-160		11.9	30	
4-Chlorotoluene	45.7		"	50.0		91.4	79-125		4.07	30	
4-Methyl-2-pentanone	34.6		"	50.0		69.1	40-160		10.8	30	
Acetone	34.0		"	50.0		67.9	40-160		0.0294	30	
Acrolein	2.60		"	50.0		5.20	10-238	Low Bias	8.84	30	
Acrylonitrile	48.2		"	50.0		96.4	66-141		3.22	30	
Benzene	47.8		"	50.0		95.7	70-130		0.988	30	
Bromobenzene	45.6		"	50.0		91.3	77-129		3.49	30	
Bromochloromethane	47.2		"	50.0		94.4	70-130		8.29	30	
Bromodichloromethane	45.0		"	50.0		90.0	70-130		6.99	30	
Bromoform	47.3		"	50.0		94.5	70-130		1.94	30	
Bromomethane	22.1		"	50.0		44.2	40-160		41.5	30	Non-dir.
Carbon disulfide	43.9		"	50.0		87.8	40-160		0.503	30	
Carbon tetrachloride	45.0		"	50.0		89.9	70-130		15.3	30	
Chlorobenzene	44.6		"	50.0		89.2	70-130		2.59	30	
Chloroethane	38.7		"	50.0		77.5	51-142		6.75	30	
Chloroform	45.2		"	50.0		90.4	70-130		9.04	30	
Chloromethane	35.3		"	50.0		70.6	49-132		11.3	30	
cis-1,2-Dichloroethylene	47.3		"	50.0		94.6	70-130		0.422	30	
cis-1,3-Dichloropropylene	46.4		"	50.0		92.9	70-130		3.57	30	
Cyclohexane	46.1		"	50.0		92.2	70-130		4.59	30	
Dibromochloromethane	46.0		"	50.0		92.0	70-130		3.81	30	
Dibromomethane	42.0		"	50.0		84.0	83-124		7.78	30	
Dichlorodifluoromethane	18.7		"	50.0		37.3	40-160	Low Bias	5.57	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42095 - EPA 5035A											
LCS Dup (BJ42095-BSD1) LCS Dup								Prepared & Analyzed: 10/29/2024			
Ethyl Benzene	46.9		ug/L	50.0		93.7	70-130		2.99	30	
Hexachlorobutadiene	45.5		"	50.0		91.0	83-133		24.6	30	
Isopropylbenzene	46.6		"	50.0		93.2	70-130		2.84	30	
Methyl acetate	42.5		"	50.0		85.0	70-130		1.93	30	
Methyl tert-butyl ether (MTBE)	55.2		"	50.0		110	70-130		0.739	30	
Methylcyclohexane	41.4		"	50.0		82.8	70-130		6.77	30	
Methylene chloride	42.2		"	50.0		84.4	70-130		2.91	30	
n-Butylbenzene	47.5		"	50.0		94.9	80-130		4.15	30	
n-Propylbenzene	45.8		"	50.0		91.6	74-136		4.13	30	
o-Xylene	46.4		"	50.0		92.7	70-130		1.67	30	
p- & m- Xylenes	91.4		"	100		91.4	70-130		2.53	30	
p-Isopropyltoluene	49.6		"	50.0		99.2	85-125		1.98	30	
sec-Butylbenzene	47.3		"	50.0		94.6	83-125		3.10	30	
Styrene	47.6		"	50.0		95.1	70-130		3.55	30	
tert-Butyl alcohol (TBA)	328		"	250		131	70-130	High Bias	2.29	30	
tert-Butylbenzene	41.4		"	50.0		82.7	80-127		0.241	30	
Tetrachloroethylene	42.1		"	50.0		84.3	70-130		2.94	30	
Toluene	44.4		"	50.0		88.8	70-130		3.58	30	
trans-1,2-Dichloroethylene	45.7		"	50.0		91.4	70-130		1.12	30	
trans-1,3-Dichloropropylene	50.4		"	50.0		101	70-130		2.53	30	
Trichloroethylene	45.0		"	50.0		90.1	70-130		5.94	30	
Trichlorofluoromethane	39.6		"	50.0		79.3	40-160		0.00	30	
Vinyl Chloride	36.7		"	50.0		73.4	70-130		10.1	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41947 - EPA 3550C											
Blank (BJ41947-BLK1) Blank									Prepared & Analyzed: 10/29/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41947 - EPA 3550C											
Blank (BJ41947-BLK1) Blank									Prepared & Analyzed: 10/29/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.14*		"	*1.66*		*68.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.06*		"	*1.66*		*64.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.569*		"	*0.831*		*68.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.634*		"	*0.831*		*76.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.31*		"	*1.66*		*139*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.730*		"	*0.831*		*87.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41947 - EPA 3550C											
LCS (BJ41947-BS1) LCS							Prepared & Analyzed: 10/29/2024				
1,1-Biphenyl	0.679	0.0416	mg/kg wet	0.831		81.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.759	0.0830	"	0.831		91.4	21-131				
1,2,4-Trichlorobenzene	0.793	0.0416	"	1.25		63.7	10-140				
1,2-Dichlorobenzene	0.646	0.0416	"	1.25		51.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.599	0.0416	"	1.25		48.1	17-137				
1,3-Dichlorobenzene	0.623	0.0416	"	1.25		50.0	33-110				
1,4-Dichlorobenzene	0.622	0.0416	"	1.25		49.9	32-104				
2,3,4,6-Tetrachlorophenol	0.922	0.0830	"	1.25		74.0	30-130				
2,4,5-Trichlorophenol	0.786	0.0416	"	1.25		63.1	27-118				
2,4,6-Trichlorophenol	0.868	0.0416	"	1.25		69.7	31-120				
2,4-Dichlorophenol	0.861	0.0416	"	1.25		69.1	20-127				
2,4-Dimethylphenol	0.733	0.0416	"	1.25		58.9	14-132				
2,4-Dinitrophenol	ND	0.0830	"	1.25			10-171	Low Bias			
2,4-Dinitrotoluene	0.608	0.0416	"	1.25		48.8	34-131				
2,6-Dinitrotoluene	0.624	0.0416	"	1.25		50.1	31-128				
2-Chloronaphthalene	0.685	0.0416	"	1.25		55.0	31-117				
2-Chlorophenol	0.659	0.0416	"	1.25		52.9	33-113				
2-Methylnaphthalene	0.691	0.0416	"	1.25		55.5	12-138				
2-Methylphenol	0.653	0.0416	"	1.25		52.4	10-136				
2-Nitroaniline	0.801	0.0830	"	1.25		64.3	27-132				
2-Nitrophenol	0.608	0.0416	"	1.25		48.8	17-129				
3- & 4-Methylphenols	0.587	0.0416	"	1.25		47.1	29-103				
3,3-Dichlorobenzidine	0.858	0.0416	"	0.831		103	22-149				
3-Nitroaniline	0.764	0.0830	"	1.25		61.3	20-133				
4,6-Dinitro-2-methylphenol	ND	0.0830	"	1.25			10-143	Low Bias			
4-Bromophenyl phenyl ether	0.854	0.0416	"	1.25		68.5	29-120				
4-Chloro-3-methylphenol	0.861	0.0416	"	1.25		69.1	24-129				
4-Chloroaniline	0.604	0.0416	"	1.25		48.5	10-132				
4-Chlorophenyl phenyl ether	0.780	0.0416	"	1.25		62.6	27-124				
4-Nitroaniline	0.134	0.0830	"	1.25		10.7	16-128	Low Bias			
4-Nitrophenol	0.650	0.0830	"	1.25		52.2	10-141				
Acenaphthene	0.619	0.0416	"	1.25		49.7	30-121				
Acenaphthylene	0.717	0.0416	"	1.25		57.6	30-115				
Acetophenone	0.619	0.0416	"	0.831		74.5	20-112				
Aniline	0.580	0.166	"	1.25		46.6	10-119				
Anthracene	0.690	0.0416	"	1.25		55.4	34-118				
Atrazine	0.582	0.0416	"	0.831		70.0	26-112				
Benzaldehyde	0.628	0.0416	"	0.831		75.6	21-100				
Benzo(a)anthracene	0.729	0.0416	"	1.25		58.5	32-122				
Benzo(a)pyrene	0.720	0.0416	"	1.25		57.8	29-133				
Benzo(b)fluoranthene	0.740	0.0416	"	1.25		59.4	25-133				
Benzo(g,h,i)perylene	0.728	0.0416	"	1.25		58.4	10-143				
Benzo(k)fluoranthene	0.673	0.0416	"	1.25		54.0	25-128				
Benzoic acid	0.692	0.0416	"	0.831		83.3	10-140				
Benzyl alcohol	0.608	0.0416	"	1.25		48.8	30-115				
Benzyl butyl phthalate	0.781	0.0416	"	1.25		62.7	26-126				
Bis(2-chloroethoxy)methane	0.611	0.0416	"	1.25		49.0	19-132				
Bis(2-chloroethyl)ether	0.545	0.0416	"	1.25		43.7	19-125				
Bis(2-chloroisopropyl)ether	0.486	0.0416	"	1.25		39.0	20-135				
Bis(2-ethylhexyl)phthalate	0.669	0.0416	"	1.25		53.7	10-155				
Caprolactam	0.846	0.0830	"	0.831		102	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41947 - EPA 3550C											
LCS (BJ41947-BS1) LCS							Prepared & Analyzed: 10/29/2024				
Carbazole	0.646	0.0416	mg/kg wet	1.25		51.8	35-123				
Chrysene	0.643	0.0416	"	1.25		51.6	32-123				
Dibenzo(a,h)anthracene	0.842	0.0416	"	1.25		67.5	10-136				
Dibenzofuran	0.709	0.0416	"	1.25		56.9	29-121				
Diethyl phthalate	0.738	0.0416	"	1.25		59.2	34-116				
Dimethyl phthalate	0.715	0.0416	"	1.25		57.4	35-124				
Di-n-butyl phthalate	0.720	0.0416	"	1.25		57.8	31-116				
Di-n-octyl phthalate	0.724	0.0416	"	1.25		58.1	26-136				
Fluoranthene	0.711	0.0416	"	1.25		57.1	33-122				
Fluorene	0.697	0.0416	"	1.25		56.0	29-123				
Hexachlorobenzene	0.696	0.0416	"	1.25		55.8	21-124				
Hexachlorobutadiene	0.974	0.0416	"	1.25		78.2	10-149				
Hexachlorocyclopentadiene	0.0355	0.0416	"	1.25		2.85	10-129	Low Bias			
Hexachloroethane	0.430	0.0416	"	1.25		34.5	28-108				
Indeno(1,2,3-cd)pyrene	0.860	0.0416	"	1.25		69.0	10-135				
Isophorone	0.673	0.0416	"	1.25		54.1	20-132				
Naphthalene	0.657	0.0416	"	1.25		52.7	23-124				
Nitrobenzene	0.687	0.0416	"	1.25		55.1	13-132				
N-Nitrosodimethylamine	0.422	0.0416	"	1.25		33.9	11-129				
N-nitroso-di-n-propylamine	0.584	0.0416	"	1.25		46.9	24-119				
N-Nitrosodiphenylamine	0.832	0.0416	"	1.25		66.8	22-152				
Pentachlorophenol	0.762	0.0416	"	1.25		61.2	10-139				
Phenanthrene	0.653	0.0416	"	1.25		52.4	33-123				
Phenol	0.643	0.0416	"	1.25		51.6	23-115				
Pyrene	0.678	0.0416	"	1.25		54.5	24-130				
Pyridine	0.318	0.166	"	1.25		25.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.14*		"	*1.66*		*68.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.11*		"	*1.66*		*66.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.660*		"	*0.831*		*79.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.669*		"	*0.831*		*80.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.44*		"	*1.66*		*147*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.739*		"	*0.831*		*89.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42057 - EPA 3550C											
Blank (BJ42057-BLK1) Blank									Prepared: 10/30/2024 Analyzed: 10/31/2024		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*475*		*"*	*495*		*96.0*	*39-127.5*				
LCS (BJ42057-BS1) LCS									Prepared: 10/30/2024 Analyzed: 10/31/2024		
1,4-Dioxane	520	19.8	ug/kg	495		105	40-130				
Surrogate: 1,4-Dioxane-d8	*396*		*"*	*495*		*80.0*	*39-127.5*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42001 - EPA 1633 Prep											
Blank (BJ42001-BLK1) Blank									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.58*		"	*2.32*		*111*	*25-150*				
Surrogate: M5PFHxA	*2.97*		"	*2.49*		*119*	*25-150*				
Surrogate: M4PFHpA	*2.29*		"	*2.49*		*92.1*	*25-150*				
Surrogate: M3PFHxS	*2.62*		"	*2.36*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.17*		"	*2.49*		*128*	*25-150*				
Surrogate: M6PFDA	*1.71*		"	*1.24*		*137*	*25-150*				
Surrogate: M7PFUdA	*1.35*		"	*1.24*		*109*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.926*		"	*1.24*		*74.5*	*25-150*				
Surrogate: M2PFTeDA	*0.932*		"	*1.24*		*75.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42001 - EPA 1633 Prep											
Blank (BJ42001-BLK1) Blank									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.274*		*ug/kg wet*	*9.94*		*2.75*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.56*		*"*	*2.38*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.68*		*"*	*4.97*		*74.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.14*		*"*	*2.49*		*126*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.57*		*"*	*4.97*		*92.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.77*		*"*	*4.97*		*95.9*	*25-150*				
Surrogate: M2-6:2 FTS	*4.35*		*"*	*4.73*		*92.1*	*25-200*				
Surrogate: M2-8:2 FTS	*4.24*		*"*	*4.77*		*88.8*	*25-200*				
Surrogate: M9PFNA	*1.19*		*"*	*1.24*		*95.8*	*25-150*				
Surrogate: M2-4:2 FTS	*5.16*		*"*	*4.66*		*111*	*25-150*				
Surrogate: d-N-MeFOSA	*1.93*		*"*	*2.49*		*77.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.51*		*"*	*2.49*		*60.6*	*25-150*				
Surrogate: M3HFPO-DA	*11.2*		*"*	*9.94*		*113*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.6*		*"*	*24.9*		*66.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.2*		*"*	*24.9*		*77.2*	*25-150*				
LCS (BJ42001-BS1) LCS									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Perfluorobutanesulfonic acid (PFBS)	3.39	0.176	ug/kg wet	3.51		96.4	50-150				
Perfluorohexanoic acid (PFHxA)	3.84	0.198	"	3.97		96.8	50-150				
Perfluoroheptanoic acid (PFHpA)	5.23	0.198	"	3.97		132	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.68	0.182	"	3.63		101	50-150				
Perfluorooctanoic acid (PFOA)	3.17	0.198	"	3.97		79.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.51	0.185	"	3.69		95.2	50-150				
Perfluorononanoic acid (PFNA)	3.86	0.198	"	3.97		97.4	50-150				
Perfluorodecanoic acid (PFDA)	3.13	0.198	"	3.97		78.9	50-150				
Perfluoroundecanoic acid (PFUnA)	3.81	0.198	"	3.97		95.9	50-150				
Perfluorododecanoic acid (PFDoA)	3.74	0.198	"	3.97		94.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.11	0.198	"	3.97		104	50-150				
Perfluorotetradecanoic acid (PFTA)	3.59	0.198	"	3.97		90.4	50-150				
N-MeFOSAA	4.04	0.198	"	3.97		102	50-150				
N-EtFOSAA	4.17	0.198	"	3.97		105	50-150				
Perfluoropentanoic acid (PFPeA)	8.31	0.397	"	7.94		105	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.17	0.198	"	3.97		79.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.96	0.198	"	3.79		104	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.63	0.191	"	3.83		68.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.0	0.754	"	15.1		99.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	15.6	0.762	"	15.2		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	16.3	0.794	"	15.9		103	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.52	0.353	"	7.06		107	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.04	0.397	"	7.94		76.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.20	0.397	"	7.94		78.1	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	8.44	0.397	"	7.94		106	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.84	0.187	"	3.73		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	13.5	0.744	"	14.9		90.8	50-150				
HFPO-DA (Gen-X)	7.40	0.794	"	7.94		93.2	50-150				
11CL-PF3OUdS	4.81	0.750	"	7.50		64.1	50-150				
9CL-PF3ONS	6.27	0.742	"	7.42		84.4	50-150				
ADONA	7.53	0.750	"	7.50		100	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42001 - EPA 1633 Prep											
LCS (BJ42001-BS1) LCS									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Perfluorododecanesulfonic acid (PFDoS)	1.93	0.192	ug/kg wet	3.85		50.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.64	0.190	"	3.81		95.4	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	13.9	0.992	"	15.9		87.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	80.9	4.96	"	79.4		102	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	84.3	4.96	"	79.4		106	50-150				
N-MeFOSE	34.4	1.98	"	39.7		86.8	50-150				
N-MeFOSA	4.52	0.198	"	3.97		114	50-150				
N-EtFOSE	38.1	1.98	"	39.7		96.0	50-150				
N-EtFOSA	3.53	0.198	"	3.97		88.9	50-150				
Surrogate: M3PFBS	*2.74*		"	*2.31*		*119*	*25-150*				
Surrogate: M5PFHxA	*3.05*		"	*2.48*		*123*	*25-150*				
Surrogate: M4PFHpA	*2.52*		"	*2.48*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.84*		"	*2.35*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.36*		"	*2.48*		*135*	*25-150*				
Surrogate: M6PFDA	*1.49*		"	*1.24*		*120*	*25-150*				
Surrogate: M7PFUdA	*1.19*		"	*1.24*		*95.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.905*		"	*1.24*		*73.0*	*25-150*				
Surrogate: M2PFTeDA	*0.699*		"	*1.24*		*56.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.44*		"	*9.92*		*85.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.82*		"	*2.38*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.43*		"	*4.96*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.97*		"	*2.48*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.37*		"	*4.96*		*88.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.64*		"	*4.96*		*93.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.56*		"	*4.72*		*96.7*	*25-200*				
Surrogate: M2-8:2 FTS	*4.62*		"	*4.76*		*97.1*	*25-200*				
Surrogate: M9PFNA	*1.22*		"	*1.24*		*98.6*	*25-150*				
Surrogate: M2-4:2 FTS	*5.35*		"	*4.65*		*115*	*25-150*				
Surrogate: d-N-MeFOSA	*1.96*		"	*2.48*		*79.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.78*		"	*2.48*		*71.8*	*25-150*				
Surrogate: M3HFPO-DA	*12.0*		"	*9.92*		*121*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.7*		"	*24.8*		*59.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.8*		"	*24.8*		*67.7*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42001 - EPA 1633 Prep											
LCS (BJ42001-BS2) LCS								Prepared: 10/29/2024 Analyzed: 10/30/2024			
Perfluorobutanesulfonic acid (PFBS)	0.663	0.176	ug/kg wet	0.705		94.1	50-150				
Perfluorohexanoic acid (PFHxA)	0.719	0.199	"	0.797		90.3	50-150				
Perfluoroheptanoic acid (PFHpA)	1.03	0.199	"	0.797		129	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.752	0.182	"	0.729		103	50-150				
Perfluorooctanoic acid (PFOA)	0.717	0.199	"	0.797		90.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.782	0.185	"	0.741		105	50-150				
Perfluorononanoic acid (PFNA)	0.831	0.199	"	0.797		104	50-150				
Perfluorodecanoic acid (PFDA)	0.603	0.199	"	0.797		75.7	50-150				
Perfluoroundecanoic acid (PFUnA)	0.870	0.199	"	0.797		109	50-150				
Perfluorododecanoic acid (PFDoA)	0.738	0.199	"	0.797		92.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.827	0.199	"	0.797		104	50-150				
Perfluorotetradecanoic acid (PFTA)	0.745	0.199	"	0.797		93.5	50-150				
N-MeFOSAA	0.785	0.199	"	0.797		98.5	50-150				
N-EtFOSAA	0.692	0.199	"	0.797		86.9	50-150				
Perfluoropentanoic acid (PFPeA)	1.64	0.398	"	1.59		103	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.547	0.199	"	0.797		68.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.789	0.199	"	0.761		104	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.718	0.192	"	0.769		93.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.40	0.757	"	3.03		112	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.10	0.765	"	3.06		101	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.01	0.797	"	3.19		63.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.46	0.355	"	1.42		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.73	0.398	"	1.59		109	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.139	0.398	"	1.59		8.74	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	2.63	0.398	"	1.59		165	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	0.738	0.187	"	0.749		98.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.55	0.747	"	2.99		85.4	50-150				
HFPO-DA (Gen-X)	1.75	0.797	"	1.59		110	50-150				
11CL-PF3OUdS	1.00	0.753	"	1.51		66.6	50-150				
9CL-PF3ONS	1.40	0.745	"	1.49		94.1	50-150				
ADONA	1.51	0.753	"	1.51		100	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.499	0.193	"	0.773		64.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.639	0.191	"	0.765		83.5	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.31	0.996	"	3.19		41.1	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	15.3	4.98	"	15.9		96.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	16.6	4.98	"	15.9		104	50-150				
N-MeFOSE	7.98	1.99	"	7.97		100	50-150				
N-MeFOSA	0.836	0.199	"	0.797		105	50-150				
N-EtFOSE	8.20	1.99	"	7.97		103	50-150				
N-EtFOSA	0.731	0.199	"	0.797		91.7	50-150				
Surrogate: M3PFBS	*2.07*		"	*2.32*		*89.3*	*25-150*				
Surrogate: M5PFHxA	*2.67*		"	*2.49*		*107*	*25-150*				
Surrogate: M4PFHpA	*2.07*		"	*2.49*		*83.3*	*25-150*				
Surrogate: M3PFHxS	*2.27*		"	*2.36*		*96.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.82*		"	*2.49*		*113*	*25-150*				
Surrogate: M6PFDA	*1.75*		"	*1.25*		*141*	*25-150*				
Surrogate: M7PFUdA	*1.11*		"	*1.25*		*89.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.900*		"	*1.25*		*72.3*	*25-150*				
Surrogate: M2PFTeDA	*0.779*		"	*1.25*		*62.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42001 - EPA 1633 Prep											
LCS (BJ42001-BS2) LCS									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.161*		*ug/kg wet*	*9.96*		*1.62*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.25*		*"*	*2.39*		*94.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.19*		*"*	*4.98*		*43.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.76*		*"*	*2.49*		*111*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.80*		*"*	*4.98*		*96.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.87*		*"*	*4.98*		*118*	*25-150*				
Surrogate: M2-6:2 FTS	*3.45*		*"*	*4.74*		*72.8*	*25-200*				
Surrogate: M2-8:2 FTS	*4.47*		*"*	*4.78*		*93.6*	*25-200*				
Surrogate: M9PFNA	*1.23*		*"*	*1.25*		*98.7*	*25-150*				
Surrogate: M2-4:2 FTS	*4.39*		*"*	*4.67*		*94.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.61*		*"*	*2.49*		*64.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.51*		*"*	*2.49*		*60.8*	*25-150*				
Surrogate: M3HFPO-DA	*10.6*		*"*	*9.96*		*106*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.9*		*"*	*24.9*		*51.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.4*		*"*	*24.9*		*61.7*	*25-150*				
Duplicate (BJ42001-DUP1) Duplicate *Source sample: 24J1755-01 (PE65_22)									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.186	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.210	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.210	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.192	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.210	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.195	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.210	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.210	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.210	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.210	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.210	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.210	"		ND					30	
N-MeFOSAA	ND	0.210	"		ND					30	
N-EtFOSAA	ND	0.210	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.420	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.210	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.210	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.203	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.798	"		0.686					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.806	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.840	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.374	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.420	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.420	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.420	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.197	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.787	"		ND					30	
HFPO-DA (Gen-X)	ND	0.840	"		ND					30	
11CL-PF3OUdS	ND	0.794	"		ND					30	
9CL-PF3ONS	ND	0.785	"		ND					30	
ADONA	ND	0.794	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42001 - EPA 1633 Prep											
Duplicate (BJ42001-DUP1) Duplicate	*Source sample: 24J1755-01 (PE65_22)								Prepared: 10/29/2024 Analyzed: 10/30/2024		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.204	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.202	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.05	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.25	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.25	"		ND					30	
N-MeFOSE	ND	2.10	"		ND					30	
N-MeFOSA	ND	0.210	"		ND					30	
N-EtFOSE	ND	2.10	"		ND					30	
N-EtFOSA	ND	0.210	"		ND					30	
Surrogate: M3PFBS	*2.70*		"	*2.45*		*111*	*25-150*				
Surrogate: M5PFHxA	*2.93*		"	*2.62*		*112*	*25-150*				
Surrogate: M4PFHpA	*2.25*		"	*2.62*		*85.9*	*25-150*				
Surrogate: M3PFHxS	*2.93*		"	*2.49*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.08*		"	*2.62*		*117*	*25-150*				
Surrogate: M6PFDA	*1.54*		"	*1.31*		*118*	*25-150*				
Surrogate: M7PFUdA	*1.23*		"	*1.31*		*93.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.15*		"	*1.31*		*87.6*	*25-150*				
Surrogate: M2PFTeDA	*0.903*		"	*1.31*		*68.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.548*		"	*10.5*		*5.22*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.82*		"	*2.51*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.94*		"	*5.25*		*94.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.59*		"	*2.62*		*98.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.03*		"	*5.25*		*95.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.41*		"	*5.25*		*103*	*25-150*				
Surrogate: M2-6:2 FTS	*4.68*		"	*4.99*		*93.8*	*25-200*				
Surrogate: M2-8:2 FTS	*4.77*		"	*5.04*		*94.7*	*25-200*				
Surrogate: M9PFNA	*1.14*		"	*1.31*		*87.2*	*25-150*				
Surrogate: M2-4:2 FTS	*5.85*		"	*4.92*		*119*	*25-150*				
Surrogate: d-N-MeFOSA	*1.78*		"	*2.62*		*67.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.40*		"	*2.62*		*53.5*	*25-150*				
Surrogate: M3HFPO-DA	*11.0*		"	*10.5*		*105*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.0*		"	*26.2*		*60.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.8*		"	*26.2*		*75.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42006 - EPA 1633 Prep											
Blank (BJ42006-BLK1) Blank									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.49	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*20.1*		"	*23.3*		*86.3*	*25-150*				
Surrogate: M5PFHxA	*27.7*		"	*25.0*		*111*	*25-150*				
Surrogate: M4PFHpA	*19.9*		"	*25.0*		*79.5*	*25-150*				
Surrogate: M3PFHxS	*22.9*		"	*23.7*		*96.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.0*		"	*25.0*		*120*	*25-150*				
Surrogate: M6PFDA	*14.6*		"	*12.5*		*116*	*25-150*				
Surrogate: M7PFUdA	*12.8*		"	*12.5*		*103*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*9.13*		"	*12.5*		*73.1*	*25-150*				
Surrogate: M2PFTeDA	*8.24*		"	*12.5*		*65.9*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42006 - EPA 1633 Prep											
Blank (BJ42006-BLK1) Blank								Prepared: 10/29/2024 Analyzed: 10/30/2024			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.98*		*ng/L*	*100*		*1.98*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.8*		*"*	*23.9*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*30.4*		*"*	*50.0*		*60.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.2*		*"*	*25.0*		*117*	*10-150*				
Surrogate: d3-N-MeFOSAA	*49.5*		*"*	*50.0*		*99.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*54.7*		*"*	*50.0*		*109*	*25-150*				
Surrogate: M2-6:2 FTS	*34.4*		*"*	*47.5*		*72.3*	*25-200*				
Surrogate: M2-8:2 FTS	*36.0*		*"*	*48.0*		*75.1*	*25-200*				
Surrogate: M9PFNA	*13.1*		*"*	*12.5*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*44.9*		*"*	*46.9*		*95.7*	*25-150*				
Surrogate: d-N-MeFOSA	*18.7*		*"*	*25.0*		*74.7*	*25-150*				
Surrogate: d-N-EtFOSA	*11.1*		*"*	*25.0*		*44.3*	*25-150*				
Surrogate: M3HFPO-DA	*107*		*"*	*100*		*107*	*25-150*				
Surrogate: d9-N-EtFOSE	*159*		*"*	*250*		*63.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*175*		*"*	*250*		*69.9*	*25-150*				
LCS (BJ42006-BS1) LCS								Prepared: 10/29/2024 Analyzed: 10/30/2024			
Perfluorobutanesulfonic acid (PFBS)	29.8	1.77	ng/L	35.4		84.1	50-150				
Perfluorohexanoic acid (PFHxA)	37.5	2.00	"	40.0		93.7	50-150				
Perfluoroheptanoic acid (PFHpA)	46.6	2.00	"	40.0		117	50-150				
Perfluorohexanesulfonic acid (PFHxS)	33.5	1.83	"	36.6		91.6	50-150				
Perfluorooctanoic acid (PFOA)	37.3	2.00	"	40.0		93.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	35.0	1.86	"	37.2		94.1	50-150				
Perfluorononanoic acid (PFNA)	34.5	2.00	"	40.0		86.2	50-150				
Perfluorodecanoic acid (PFDA)	26.2	2.00	"	40.0		65.4	50-150				
Perfluoroundecanoic acid (PFUnA)	45.8	2.00	"	40.0		115	50-150				
Perfluorododecanoic acid (PFDoA)	34.3	2.00	"	40.0		85.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	46.2	2.00	"	40.0		115	50-150				
Perfluorotetradecanoic acid (PFTA)	39.0	2.00	"	40.0		97.5	50-150				
N-MeFOSAA	37.8	2.00	"	40.0		94.6	50-150				
N-EtFOSAA	38.7	2.00	"	40.0		96.7	50-150				
Perfluoropentanoic acid (PFPeA)	76.4	4.00	"	80.0		95.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	28.8	2.00	"	40.0		72.0	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	35.1	1.91	"	38.2		92.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	32.6	1.93	"	38.6		84.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	129	7.60	"	152		84.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	151	7.68	"	154		98.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	104	8.00	"	160		64.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	76.6	3.56	"	71.2		108	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	85.9	4.00	"	80.0		107	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.79	4.00	"	80.0		11.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	104	4.00	"	80.0		130	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	35.0	1.88	"	37.6		93.1	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	123	7.50	"	150		81.8	50-150				
HFPO-DA (Gen-X)	78.6	8.00	"	80.0		98.3	50-150				
11CL-PF3OUdS	66.5	7.56	"	75.6		87.9	50-150				
9CL-PF3ONS	74.3	7.48	"	74.8		99.3	50-150				
ADONA	70.0	7.56	"	75.6		92.6	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42006 - EPA 1633 Prep											
LCS (BJ42006-BS1) LCS								Prepared: 10/29/2024 Analyzed: 10/30/2024			
Perfluorododecanesulfonic acid (PFDoS)	26.9	1.94	ng/L	38.8		69.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	36.0	1.92	"	38.4		93.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	74.7	5.00	"	160		46.7	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	804	25.0	"	800		100	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	965	25.0	"	800		121	50-150				
N-MeFOSE	336	20.0	"	400		84.1	50-150				
N-MeFOSA	44.2	2.00	"	40.0		111	50-150				
N-EtFOSE	382	20.0	"	400		95.4	50-150				
N-EtFOSA	33.8	2.00	"	40.0		84.6	50-150				
Surrogate: M3PFBS	*24.3*		"	*23.3*		*104*	*25-150*				
Surrogate: M5PFHxA	*26.0*		"	*25.0*		*104*	*25-150*				
Surrogate: M4PFHpA	*21.7*		"	*25.0*		*86.7*	*25-150*				
Surrogate: M3PFHxS	*27.5*		"	*23.7*		*116*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.8*		"	*25.0*		*111*	*25-150*				
Surrogate: M6PFDA	*17.4*		"	*12.5*		*139*	*25-150*				
Surrogate: M7PFUdA	*13.0*		"	*12.5*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.9*		"	*12.5*		*104*	*25-150*				
Surrogate: M2PFTeDA	*10.3*		"	*12.5*		*82.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.18*		"	*100*		*2.18*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.3*		"	*23.9*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*28.6*		"	*50.0*		*57.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.3*		"	*25.0*		*109*	*10-150*				
Surrogate: d3-N-MeFOSAA	*43.7*		"	*50.0*		*87.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*50.2*		"	*50.0*		*100*	*25-150*				
Surrogate: M2-6:2 FTS	*43.8*		"	*47.5*		*92.1*	*25-200*				
Surrogate: M2-8:2 FTS	*47.7*		"	*48.0*		*99.3*	*25-200*				
Surrogate: M9PFNA	*13.1*		"	*12.5*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*50.9*		"	*46.9*		*108*	*25-150*				
Surrogate: d-N-MeFOSA	*16.7*		"	*25.0*		*66.7*	*25-150*				
Surrogate: d-N-EtFOSA	*13.7*		"	*25.0*		*54.9*	*25-150*				
Surrogate: M3HFPO-DA	*112*		"	*100*		*112*	*25-150*				
Surrogate: d9-N-EtFOSE	*160*		"	*250*		*64.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*182*		"	*250*		*72.7*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42006 - EPA 1633 Prep											
LCS (BJ42006-BS2) LCS								Prepared: 10/29/2024 Analyzed: 10/30/2024			
Perfluorobutanesulfonic acid (PFBS)	5.88	1.77	ng/L	7.08		83.0	50-150				
Perfluorohexanoic acid (PFHxA)	6.66	2.00	"	8.00		83.2	50-150				
Perfluoroheptanoic acid (PFHpA)	9.31	2.00	"	8.00		116	50-150				
Perfluorohexanesulfonic acid (PFHxS)	6.96	1.83	"	7.32		95.1	50-150				
Perfluorooctanoic acid (PFOA)	6.63	2.00	"	8.00		82.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	7.01	1.86	"	7.44		94.3	50-150				
Perfluorononanoic acid (PFNA)	7.17	2.00	"	8.00		89.6	50-150				
Perfluorodecanoic acid (PFDA)	5.85	2.00	"	8.00		73.1	50-150				
Perfluoroundecanoic acid (PFUnA)	5.69	2.00	"	8.00		71.1	50-150				
Perfluorododecanoic acid (PFDoA)	6.87	2.00	"	8.00		85.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	7.90	2.00	"	8.00		98.7	50-150				
Perfluorotetradecanoic acid (PFTA)	6.34	2.00	"	8.00		79.2	50-150				
N-MeFOSAA	7.30	2.00	"	8.00		91.2	50-150				
N-EtFOSAA	7.21	2.00	"	8.00		90.2	50-150				
Perfluoropentanoic acid (PFPeA)	15.1	4.00	"	16.0		94.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.54	2.00	"	8.00		69.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.78	1.91	"	7.64		88.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	6.43	1.93	"	7.72		83.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	28.3	7.60	"	30.4		93.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	31.2	7.68	"	30.7		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	19.9	8.00	"	32.0		62.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	14.2	3.56	"	14.2		100	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	18.4	4.00	"	16.0		115	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.56	4.00	"	16.0		9.76	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	20.8	4.00	"	16.0		130	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.16	1.88	"	7.52		95.3	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	23.7	7.50	"	30.0		79.0	50-150				
HFPO-DA (Gen-X)	16.3	8.00	"	16.0		102	50-150				
11CL-PF3OUdS	13.1	7.56	"	15.1		86.7	50-150				
9CL-PF3ONS	15.2	7.48	"	15.0		101	50-150				
ADONA	15.1	7.56	"	15.1		99.8	50-150				
Perfluorododecanesulfonic acid (PFDoS)	4.84	1.94	"	7.76		62.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	7.14	1.92	"	7.68		93.0	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.5	5.00	"	32.0		45.5	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	153	25.0	"	160		95.5	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	173	25.0	"	160		108	50-150				
N-MeFOSE	63.8	20.0	"	80.0		79.8	50-150				
N-MeFOSA	9.34	2.00	"	8.00		117	50-150				
N-EtFOSE	74.3	20.0	"	80.0		92.9	50-150				
N-EtFOSA	5.95	2.00	"	8.00		74.4	50-150				
Surrogate: M3PFBS	*25.6*		*"*	*23.3*		*110*	*25-150*				
Surrogate: M5PFHxA	*30.8*		*"*	*25.0*		*123*	*25-150*				
Surrogate: M4PFHpA	*25.7*		*"*	*25.0*		*103*	*25-150*				
Surrogate: M3PFHxS	*27.6*		*"*	*23.7*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*32.6*		*"*	*25.0*		*131*	*25-150*				
Surrogate: M6PFDA	*15.9*		*"*	*12.5*		*127*	*25-150*				
Surrogate: M7PFUdA	*16.3*		*"*	*12.5*		*130*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.8*		*"*	*12.5*		*86.5*	*25-150*				
Surrogate: M2PFTeDA	*10.4*		*"*	*12.5*		*83.4*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ42006 - EPA 1633 Prep											
LCS (BJ42006-BS2) LCS									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.82*		*ng/L*	*100*		*1.82*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*29.3*		*"*	*23.9*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*33.6*		*"*	*50.0*		*67.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*33.7*		*"*	*25.0*		*135*	*10-150*				
Surrogate: d3-N-MeFOSAA	*54.5*		*"*	*50.0*		*109*	*25-150*				
Surrogate: d5-N-EtFOSAA	*63.1*		*"*	*50.0*		*126*	*25-150*				
Surrogate: M2-6:2 FTS	*42.7*		*"*	*47.5*		*89.8*	*25-200*				
Surrogate: M2-8:2 FTS	*45.5*		*"*	*48.0*		*94.7*	*25-200*				
Surrogate: M9PFNA	*13.3*		*"*	*12.5*		*107*	*25-150*				
Surrogate: M2-4:2 FTS	*54.8*		*"*	*46.9*		*117*	*25-150*				
Surrogate: d-N-MeFOSA	*19.2*		*"*	*25.0*		*76.9*	*25-150*				
Surrogate: d-N-EtFOSA	*15.2*		*"*	*25.0*		*60.7*	*25-150*				
Surrogate: M3HFPO-DA	*115*		*"*	*100*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*181*		*"*	*250*		*72.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*210*		*"*	*250*		*84.0*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41951 - EPA 3550C											
Blank (BJ41951-BLK1) Blank									Prepared & Analyzed: 10/29/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0549*		*"*	*0.0664*		*82.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0687*		*"*	*0.0664*		*103*	*30-150*				
LCS (BJ41951-BS1) LCS									Prepared & Analyzed: 10/29/2024		
4,4'-DDD	0.0240	0.00164	mg/kg wet	0.0332		72.2	40-140				
4,4'-DDE	0.0242	0.00164	"	0.0332		73.0	40-140				
4,4'-DDT	0.0292	0.00164	"	0.0332		87.9	40-140				
Aldrin	0.0231	0.00164	"	0.0332		69.6	40-140				
alpha-BHC	0.0238	0.00164	"	0.0332		71.7	40-140				
alpha-Chlordane	0.0244	0.00164	"	0.0332		73.5	40-140				
beta-BHC	0.0253	0.00164	"	0.0332		76.3	40-140				
delta-BHC	0.0226	0.00164	"	0.0332		68.1	40-140				
Dieldrin	0.0255	0.00164	"	0.0332		76.8	40-140				
Endosulfan I	0.0245	0.00164	"	0.0332		73.9	40-140				
Endosulfan II	0.0263	0.00164	"	0.0332		79.2	40-140				
Endosulfan sulfate	0.0239	0.00164	"	0.0332		72.0	40-140				
Endrin	0.0275	0.00164	"	0.0332		82.9	40-140				
Endrin aldehyde	0.0262	0.00164	"	0.0332		78.8	40-140				
Endrin ketone	0.0260	0.00164	"	0.0332		78.2	40-140				
gamma-BHC (Lindane)	0.0240	0.00164	"	0.0332		72.2	40-140				
gamma-Chlordane	0.0239	0.00164	"	0.0332		71.9	40-140				
Heptachlor	0.0245	0.00164	"	0.0332		73.8	40-140				
Heptachlor epoxide	0.0245	0.00164	"	0.0332		73.7	40-140				
Methoxychlor	0.0310	0.00164	"	0.0332		93.4	40-140				
Surrogate: Decachlorobiphenyl	*0.0435*		*"*	*0.0664*		*65.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0553*		*"*	*0.0664*		*83.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41951 - EPA 3550C											
Blank (BJ41951-BLK2) Blank								Prepared & Analyzed: 10/29/2024			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0577*		*"*	*0.0667*		*86.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0450*		*"*	*0.0667*		*67.5*	*30-120*				
LCS (BJ41951-BS2) LCS								Prepared & Analyzed: 10/29/2024			
Aroclor 1016	0.235	0.0166	mg/kg wet	0.332		70.9	40-130				
Aroclor 1260	0.252	0.0166	"	0.332		75.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0498*		*"*	*0.0664*		*75.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0395*		*"*	*0.0664*		*59.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41948 - EPA 3550C/8151A											
Blank (BJ41948-BLK1) Blank								Prepared & Analyzed: 10/29/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.449*		*"*	*0.415*		*108*	*21-150*				
LCS (BJ41948-BS1) LCS								Prepared & Analyzed: 10/29/2024			
2,4,5-T	0.0731	0.0199	mg/kg wet	0.0664		110	10-120				
2,4,5-TP (Silvex)	0.0681	0.0199	"	0.0664		102	10-120				
2,4-D	0.0681	0.0199	"	0.0664		102	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.431*		*"*	*0.415*		*104*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41993 - EPA 3050B											
Blank (BJ41993-BLK1) Blank									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	9.85	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BJ41993-SRM1) Reference									Prepared: 10/29/2024 Analyzed: 10/30/2024		
Aluminum	6860	4.17	mg/kg wet	7680		89.3	35.7-119				
Antimony	66.5	2.08	"	244		27.2	0-99.5				
Arsenic	237	1.25	"	283		83.7	69.9-101.4				
Barium	317	2.08	"	326		97.2	73.9-107.1				
Beryllium	163	0.042	"	175		93.3	75.4-107.4				
Cadmium	84.9	0.250	"	95.8		88.6	72.3-103.7				
Calcium	5390	4.17	"	5470		98.6	79.5-113.2				
Chromium	222	0.417	"	239		93.0	72.4-106.3				
Cobalt	144	0.333	"	150		96.3	76-107.3				
Copper	206	1.67	"	217		95.1	74.7-105.1				
Iron	6960	20.8	"	7360		94.6	53-127.9				
Lead	204	0.417	"	210		97.0	75.7-109.5				
Magnesium	1980	4.17	"	2080		95.2	67.3-111.1				
Manganese	276	0.417	"	290		95.1	73.4-108.3				
Nickel	315	0.830	"	329		95.9	74.5-106.7				
Potassium	2230	4.17	"	2330		95.8	60.9-111.6				
Selenium	274	2.08	"	281		97.3	77.6-116.7				
Silver	62.5	0.420	"	82.7		75.5	73.7-111.7				
Sodium	397	41.7	"	427		92.9	71.2-118.7				
Thallium	110	2.08	"	123		89.7	70.2-104.8				
Vanadium	168	0.830	"	192		87.6	68.8-107.8				
Zinc	249	2.08	"	260		95.8	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41986 - EPA 7473 soil											
Blank (BJ41986-BLK1) Blank									Prepared & Analyzed: 10/29/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ41986-SRM1) Reference									Prepared & Analyzed: 10/29/2024		
Mercury	22.690		mg/kg	18.2		125	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ41896 - Analysis Preparation Soil											
Blank (BJ41896-BLK1) Blank									Prepared & Analyzed: 10/28/2024		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BJ41896-SRM1) Reference									Prepared & Analyzed: 10/28/2024		
Cyanide, total	49.2		ug/mL	59.7		82.4	0-200				
Batch BJ41898 - EPA SW846-3060											
Blank (BJ41898-BLK1) Blank									Prepared & Analyzed: 10/28/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BJ41898-SRM1) Reference									Prepared & Analyzed: 10/28/2024		
Chromium, Hexavalent	221		mg/L	227		97.5	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J1755-01	PE65_22	40mL Vial with Stir Bar-Cool 4° C
24J1755-02	PE66_21	40mL Vial with Stir Bar-Cool 4° C
24J1755-03	PE73_21.5	40mL Vial with Stir Bar-Cool 4° C
24J1755-05	TB_10252024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Per client request 10/28/24, the WO TAT was upgraded to 4 day rush TAT.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24J1755

Page 1 of 1

Report To:	Invoice To:
Company: LANGAN	Company:
Address: 300 Kimball Dr Parsippany, NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 100688801 12096 Flatlands 5

PO Number:

Samples Collected From: NY [X] NJ [ ] CT [ ] PA [ ] Other: (please specify)

Turn-Around Time: RUSH - Next Day [ ] RUSH - Two Day [ ] RUSH - Three Day [ ] RUSH - Four Day [ ] RUSH - Five Day [ ] Standard (6-9 Day) [X] PFAS Standard 7-10 Day [ ]

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Darrel Horvath

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pest's/Herbs	PCBs	Cyanide	Total Metals	Cr6/Cr3	PFAS	1,4-Dioxane	Grab or Comp. G/C
PE65-22	0800	10/25	S	3									1	X	X	X	X	X	X	X	X	X	
PE66-21	0805		S	3									1	X	X	X	X	X	X	X	X	X	
PE73-21.5	0810		S	3									1	X	X	X	X	X	X	X	X	X	
EB-10252024	0900		AQ	2																	X		
TB-10252024					2									X									

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered [ ] Lab Filtered [ ]

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
LANGAN	10/25 15:30	Afraz Habib	10/25/24 15:30	Afraz Habib	10/25/24 17:45
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
FedEx 2	10/25/24 17:45 3.4	FedEx 2	10/25/24 18:25	Afraz Habib	10/25/24 1825
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
Afraz Habib	10/25/24 2145			JR	10/25/24 21:45 3.0°C Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Report Date: 11/05/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J2128

Report Date: 11/05/2024
Client Project ID: 100688801
York Project (SDG) No.: 24J2128

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Lauren Kott

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 31, 2024 and listed below. The project was identified as your project: **100688801**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24J2128-01	TB_10312024	Water	10/31/2024	10/31/2024
24J2128-02	EB_10312024	Water	10/31/2024	10/31/2024
24J2128-03	PE72_16	Soil	10/31/2024	10/31/2024
24J2128-04	PE76_17	Soil	10/31/2024	10/31/2024
24J2128-05	PE77_16	Soil	10/31/2024	10/31/2024

General Notes for York Project (SDG) No.: 24J2128

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By **Date:** 11/05/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: TB_10312024 **York Sample ID:** 24J2128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Water	October 31, 2024 1:20 pm	10/31/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10312024 **York Sample ID:** 24J2128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Water	October 31, 2024 1:20 pm	10/31/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**0.990**		ug/L	0.422	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10312024 **York Sample ID:** 24J2128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Water	October 31, 2024 1:20 pm	10/31/2024

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB_10312024 **York Sample ID:** 24J2128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Water	October 31, 2024 1:20 pm	10/31/2024

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/01/2024 12:28	11/01/2024 20:22	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*80.8 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*111 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.5 %*	*70-130*

Sample Information

Client Sample ID: EB_10312024 **York Sample ID:** 24J2128-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Water	October 31, 2024 1:20 pm	10/31/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.469	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.349	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.709	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.679	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.419	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.818	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.519	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.749	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.13	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.878	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.739	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.689	2.00	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.788	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.03	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.230	3.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.878	2.00	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.908	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.32	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.49	7.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.05	7.66	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.329	7.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM

Sample Information

Client Sample ID: EB_10312024 **York Sample ID:** 24J2128-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Water	October 31, 2024 1:20 pm	10/31/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.499	3.55	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/01/2024 10:25	11/04/2024 18:25	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.14	3.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/01/2024 10:25	11/04/2024 18:25	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.250	3.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/01/2024 10:25	11/04/2024 18:25	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.369	3.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	11/01/2024 10:25	11/04/2024 18:25	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.758	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.79	7.49	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.22	7.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.38	7.54	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.699	7.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
919005-14-4	ADONA	ND		ng/L	0.529	7.54	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.928	1.94	1	EPA 1633 Draft 3 Certifications:	11/01/2024 10:25	11/04/2024 18:25	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.858	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	11/01/2024 10:25	11/04/2024 18:25	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.03	4.99	1	EPA 1633 Draft 3 Certifications:	11/01/2024 10:25	11/04/2024 18:25	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.32	25.0	1	EPA 1633 Draft 3 Certifications:	11/01/2024 10:25	11/04/2024 18:25	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.45	25.0	1	EPA 1633 Draft 3 Certifications:	11/01/2024 10:25	11/04/2024 18:25	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.98	20.0	1	EPA 1633 Draft 3 Certifications:	11/01/2024 10:25	11/04/2024 18:25	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.58	2.00	1	EPA 1633 Draft 3 Certifications:	11/01/2024 10:25	11/04/2024 18:25	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.98	20.0	1	EPA 1633 Draft 3 Certifications:	11/01/2024 10:25	11/04/2024 18:25	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.80	2.00	1	EPA 1633 Draft 3 Certifications:	11/01/2024 10:25	11/04/2024 18:25	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*134 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*101 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*	*25-150*

Sample Information

Client Sample ID: EB_10312024 **York Sample ID:** 24J2128-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Water	October 31, 2024 1:20 pm	10/31/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*148 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*150 %*	PFSu-H		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*69.3 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*62.9 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*39.3 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*70.7 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*130 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*123 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*121 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*113 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*64.9 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*186 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*115 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*146 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*43.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*121 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*22.6 %*	PFSu-L		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*33.8 %*			*25-150*						

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.087	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	**2-Butanone**	**0.0048**	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.023**	CCVE, ICVE	mg/kg dry	0.0044	0.0087	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0044	0.0087	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	**Carbon disulfide**	**0.0026**	J	mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:25	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0956	0.191	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0956	0.191	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0956	0.191	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0956	0.191	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0956	0.191	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0956	0.191	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0956	0.191	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0956	0.191	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.383	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.191	0.383	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0956	0.191	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0479	0.0956	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.191	0.383	2	EPA 8270D	11/02/2024 07:59	11/04/2024 19:45	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*85.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*76.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	11/01/2024 09:00	11/04/2024 15:29	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.128	0.205	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0613	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.207	0.212	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.199	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.219	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.221	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.189	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.145	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.119	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.171	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.225	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.126	0.463	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.169	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.179	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.868	0.880	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.874	0.889	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.126	0.926	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.161	0.412	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.223	0.463	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0718	0.463	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.111	0.463	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.182	0.218	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.689	0.868	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.704	0.926	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.360	0.875	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.285	0.866	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.201	0.875	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.196	0.225	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.222	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.734	1.16	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.43	5.79	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.79	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.707	2.31	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.208	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.807	2.31	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 06:31	AM
								Certifications: NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.1 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*120 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*116 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*134 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*75.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*65.7 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*12.9 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*106 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*101 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*99.5 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*111 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*105 %*		*25-200*

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*111 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*109 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*142 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*63.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*45.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*53.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.7 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	11/02/2024 07:46	11/04/2024 18:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.4 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*104 %*		*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:39	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*124 %*	S-08, S-GC	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.5 %*		*30-120*

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0229	1	EPA 8151A	11/01/2024 08:50	11/03/2024 13:38	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A	11/01/2024 08:50	11/03/2024 13:38	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A	11/01/2024 08:50	11/03/2024 13:38	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*90.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8360**		mg/kg dry	4.82	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.41	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.72**		mg/kg dry	1.45	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**23.5**		mg/kg dry	2.41	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.194**		mg/kg dry	0.049	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.289	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**776**		mg/kg dry	4.82	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**13.0**		mg/kg dry	0.483	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.24**		mg/kg dry	0.385	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**5.46**		mg/kg dry	1.93	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**6500**		mg/kg dry	24.1	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**4.18**		mg/kg dry	0.483	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1480**		mg/kg dry	4.83	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**46.6**		mg/kg dry	0.483	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**9.47**		mg/kg dry	0.961	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**459**	B	mg/kg dry	4.83	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.41	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.486	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**130**		mg/kg dry	48.2	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.41	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**14.8**		mg/kg dry	0.961	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**14.7**		mg/kg dry	2.40	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:11	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0347	1	EPA 7473	11/02/2024 08:29	11/05/2024 15:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.579	1	EPA 7196A	11/01/2024 09:48	11/01/2024 14:23	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.0**		mg/kg	0.500	1	Calculation	11/05/2024 18:27	11/05/2024 18:28	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE72_16 **York Sample ID:** 24J2128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 12:50 pm	10/31/2024

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.579	1	EPA 9014/9010C	11/01/2024 07:59	11/01/2024 11:55	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.4**		%	0.100	1	SM 2540G	11/01/2024 07:01	11/01/2024 10:23	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.014**	CCVE, ICVE	mg/kg dry	0.0049	0.0098	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0049	0.0098	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C	11/05/2024 07:57	11/05/2024 13:50	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.6 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0871	0.174	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0871	0.174	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.174	0.349	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0871	0.174	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0437	0.0871	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:17	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*70.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	11/01/2024 09:00	11/04/2024 16:04	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.129	0.205	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0615	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.208	0.212	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.219	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.222	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.189	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.145	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.225	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.126	0.464	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.169	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.180	0.232	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.222	0.224	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.870	0.882	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.876	0.891	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.126	0.928	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.161	0.413	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.224	0.464	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0719	0.464	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.111	0.464	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.182	0.218	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.690	0.870	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:19	AM
								Certifications: NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.705	0.928	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:19	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.361	0.877	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:19	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.285	0.868	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:19	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.202	0.877	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:19	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.196	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:19	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:19	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.736	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:19	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.43	5.80	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:19	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.80	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:19	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.709	2.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:19	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.209	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:19	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.809	2.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:19	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:19	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*99.5 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*129 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*90.6 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*104 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*124 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*130 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*80.1 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.5 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*127 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*113 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*122 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*105 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.6 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*111 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*92.7 %*	*25-200*

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*87.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*117 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*130 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*66.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*54.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*61.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*78.8 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	11/02/2024 07:46	11/04/2024 19:03	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:53	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	11/02/2024 07:46	11/05/2024 06:53	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*106 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A	11/01/2024 08:50	11/03/2024 13:45	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A	11/01/2024 08:50	11/03/2024 13:45	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A	11/01/2024 08:50	11/03/2024 13:45	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*97.8 %*	*21-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6310**		mg/kg dry	4.39	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.20	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.37**		mg/kg dry	1.32	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**7.37**		mg/kg dry	2.19	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.252**		mg/kg dry	0.044	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.264	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**667**		mg/kg dry	4.40	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**10.5**		mg/kg dry	0.440	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**4.18**		mg/kg dry	0.351	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**8.09**		mg/kg dry	1.76	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**8700**		mg/kg dry	22.0	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.38**		mg/kg dry	0.440	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1790**		mg/kg dry	4.40	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**80.6**		mg/kg dry	0.440	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.4**		mg/kg dry	0.875	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**549**	B	mg/kg dry	4.40	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.20	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.443	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**69.4**		mg/kg dry	44.0	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.20	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**15.4**		mg/kg dry	0.875	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**31.4**		mg/kg dry	2.19	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	1	EPA 7473	11/01/2024 13:21	11/02/2024 13:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.527	1	EPA 7196A	11/01/2024 09:48	11/01/2024 14:23	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**10.5**		mg/kg	0.500	1	Calculation	11/05/2024 18:27	11/05/2024 18:28	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.527	1	EPA 9014/9010C	11/01/2024 07:59	11/01/2024 11:55	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE76_17 **York Sample ID:** 24J2128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:00 pm	10/31/2024

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.8**		%	0.100	1	SM 2540G	11/01/2024 07:01	11/01/2024 10:23	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.093	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0078**	J, CCVE, ICVE	mg/kg dry	0.0046	0.0093	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0046	0.0093	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.0047**	J	mg/kg dry	0.0046	0.0093	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	11/05/2024 07:57	11/05/2024 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0876	0.175	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0876	0.175	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.351	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.175	0.351	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0876	0.175	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0439	0.0876	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.351	2	EPA 8270D	11/02/2024 07:59	11/04/2024 20:48	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*79.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	11/01/2024 09:00	11/04/2024 16:21	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.130	0.207	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:36	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0619	0.233	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:36	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.123	0.233	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:36	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.209	0.214	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:36	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.201	0.233	1	EPA 1633 Draft 3	11/02/2024 11:09	11/05/2024 07:36	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.221	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.223	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.146	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.173	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.226	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.467	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.181	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.875	0.887	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.881	0.896	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.934	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.415	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:36	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.225	0.467	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:36	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0724	0.467	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:36	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.467	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:36	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.694	0.875	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.710	0.934	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.363	0.882	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.287	0.873	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.203	0.882	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.197	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:36	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.145	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	11/02/2024 11:09	11/05/2024 07:36	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.740	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:36	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.45	5.84	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:36	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.75	5.84	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:36	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.713	2.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:36	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.210	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:36	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.813	2.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:36	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.231	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	11/02/2024 11:09	11/05/2024 07:36	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*108 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*87.6 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*115 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*135 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*103 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*84.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*118 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*108 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*103 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfor*	*95.0 %*	*10-150*

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*93.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*107 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*97.4 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*88.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*108 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*142 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*48.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*93.2 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*68.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B	11/02/2024 07:46	11/04/2024 20:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	11/02/2024 07:46	11/05/2024 07:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	11/02/2024 07:46	11/05/2024 07:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	11/02/2024 07:46	11/05/2024 07:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	11/02/2024 07:46	11/05/2024 07:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	11/02/2024 07:46	11/05/2024 07:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	11/02/2024 07:46	11/05/2024 07:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	11/02/2024 07:46	11/05/2024 07:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	11/02/2024 07:46	11/05/2024 07:07	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.0 %*	*30-120*

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A	11/01/2024 08:50	11/03/2024 13:52	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	11/01/2024 08:50	11/03/2024 13:52	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	11/01/2024 08:50	11/03/2024 13:52	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*97.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4740**		mg/kg dry	4.42	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.47**		mg/kg dry	1.33	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**10.3**		mg/kg dry	2.21	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.216**		mg/kg dry	0.045	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.265	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**539**		mg/kg dry	4.42	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**9.92**		mg/kg dry	0.442	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.22**		mg/kg dry	0.353	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**7.75**		mg/kg dry	1.77	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**7230**		mg/kg dry	22.1	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**2.51**		mg/kg dry	0.442	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**1660**		mg/kg dry	4.42	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**55.7**		mg/kg dry	0.442	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**13.0**		mg/kg dry	0.881	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**411**	B	mg/kg dry	4.42	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.446	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**54.1**		mg/kg dry	44.2	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.21	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**11.6**		mg/kg dry	0.881	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**13.2**		mg/kg dry	2.20	1	EPA 6010D	11/03/2024 09:27	11/04/2024 16:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0318	1	EPA 7473	11/01/2024 13:21	11/02/2024 13:13	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.531	1	EPA 7196A	11/01/2024 09:48	11/01/2024 14:23	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: PE77_16 **York Sample ID:** 24J2128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24J2128	100688801	Soil	October 31, 2024 1:10 pm	10/31/2024

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	9.92		mg/kg	0.500	1	Calculation	11/05/2024 18:27	11/05/2024 18:28	AD
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.531	1	EPA 9014/9010C	11/01/2024 07:59	11/01/2024 11:55	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.2		%	0.100	1	SM 2540G	11/01/2024 07:01	11/01/2024 10:23	SMM
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BK40007 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-03	PE72_16	11/01/24
24J2128-04	PE76_17	11/01/24
24J2128-05	PE77_16	11/01/24

Batch ID: BK40012 **Preparation Method:** Analysis Preparation Soil **Prepared By:** LJM

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-03	PE72_16	11/01/24
24J2128-04	PE76_17	11/01/24
24J2128-05	PE77_16	11/01/24
BK40012-BLK1	Blank	11/01/24
BK40012-DUP1	Duplicate	11/01/24
BK40012-MS1	Matrix Spike	11/01/24
BK40012-MSD1	Matrix Spike Dup	11/01/24
BK40012-SRM1	Reference	11/01/24

Batch ID: BK40024 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-03	PE72_16	11/01/24
24J2128-04	PE76_17	11/01/24
24J2128-05	PE77_16	11/01/24
BK40024-BLK1	Blank	11/01/24
BK40024-BS1	LCS	11/01/24

Batch ID: BK40029 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-03	PE72_16	11/01/24
24J2128-04	PE76_17	11/01/24
24J2128-05	PE77_16	11/01/24
BK40029-BLK1	Blank	11/01/24
BK40029-BS1	LCS	11/01/24

Batch ID: BK40039 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-03	PE72_16	11/01/24
24J2128-04	PE76_17	11/01/24
24J2128-05	PE77_16	11/01/24
BK40039-BLK1	Blank	11/01/24
BK40039-SRM1	Reference	11/01/24

Batch ID: BK40044 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-02	EB_10312024	11/01/24
BK40044-BLK1	Blank	11/01/24
BK40044-BS1	LCS	11/01/24
BK40044-BS2	LCS	11/01/24

Batch ID: BK40053 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-04	PE76_17	11/01/24
24J2128-05	PE77_16	11/01/24
BK40053-BLK1	Blank	11/01/24
BK40053-SRM1	Reference	11/01/24

Batch ID: BK40083 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-03	PE72_16	11/02/24
24J2128-03	PE72_16	11/02/24
24J2128-04	PE76_17	11/02/24
24J2128-04	PE76_17	11/02/24
24J2128-05	PE77_16	11/02/24
24J2128-05	PE77_16	11/02/24
BK40083-BLK1	Blank	11/02/24
BK40083-BLK2	Blank	11/02/24
BK40083-BS1	LCS	11/02/24
BK40083-BS2	LCS	11/02/24
BK40083-MS1	Matrix Spike	11/02/24
BK40083-MSD1	Matrix Spike Dup	11/02/24

Batch ID: BK40085 **Preparation Method:** EPA 3550C **Prepared By:** GXB

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-03	PE72_16	11/02/24
24J2128-04	PE76_17	11/02/24
24J2128-05	PE77_16	11/02/24
BK40085-BLK1	Blank	11/02/24
BK40085-BS1	LCS	11/02/24

Batch ID: BK40087 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-03	PE72_16	11/02/24
BK40087-BLK1	Blank	11/02/24
BK40087-SRM1	Reference	11/02/24

Batch ID: BK40092 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-03	PE72_16	11/02/24
24J2128-04	PE76_17	11/02/24
24J2128-05	PE77_16	11/02/24
BK40092-BLK1	Blank	11/02/24
BK40092-BS1	LCS	11/02/24
BK40092-BS2	LCS	11/02/24

Batch ID: BK40101 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-03	PE72_16	11/03/24
24J2128-04	PE76_17	11/03/24
24J2128-05	PE77_16	11/03/24
BK40101-BLK1	Blank	11/03/24
BK40101-DUP1	Duplicate	11/03/24
BK40101-MS1	Matrix Spike	11/03/24
BK40101-PS1	Post Spike	11/03/24
BK40101-SRM1	Reference	11/03/24

Batch ID: BK40179 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-03	PE72_16	11/05/24
24J2128-04	PE76_17	11/05/24
24J2128-05	PE77_16	11/05/24
BK40179-BLK1	Blank	11/05/24
BK40179-BS1	LCS	11/05/24
BK40179-BSD1	LCS Dup	11/05/24

Batch ID: BK40275 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-01	TB_10312024	11/01/24
BK40275-BLK1	Blank	11/01/24
BK40275-BS1	LCS	11/01/24
BK40275-BSD1	LCS Dup	11/01/24

Batch ID: BK40305 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
24J2128-03	PE72_16	11/05/24
24J2128-04	PE76_17	11/05/24
24J2128-05	PE77_16	11/05/24

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40179 - EPA 5035A											
Blank (BK40179-BLK1) Blank									Prepared & Analyzed: 11/05/2024		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	0.0084	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40179 - EPA 5035A											
Blank (BK40179-BLK1) Blank								Prepared & Analyzed: 11/05/2024			
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				
LCS (BK40179-BS1) LCS								Prepared & Analyzed: 11/05/2024			
1,1,1,2-Tetrachloroethane	48.3		ug/L	50.0		96.6	75-129			30	
1,1,1-Trichloroethane	50.0		"	50.0		100	70-130			30	
1,1,2,2-Tetrachloroethane	48.3		"	50.0		96.6	70-130			30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.2		"	50.0		96.3	70-130			30	
1,1,2-Trichloroethane	46.2		"	50.0		92.4	70-130			30	
1,1-Dichloroethane	43.7		"	50.0		87.3	70-130			30	
1,1-Dichloroethylene	47.4		"	50.0		94.9	70-130			30	
1,1-Dichloropropylene	47.1		"	50.0		94.1	77-127			30	
1,2,3-Trichlorobenzene	49.2		"	50.0		98.4	70-130			30	
1,2,3-Trichloropropane	48.5		"	50.0		96.9	81-126			30	
1,2,4-Trichlorobenzene	51.6		"	50.0		103	70-130			30	
1,2,4-Trimethylbenzene	50.8		"	50.0		102	84-125			30	
1,2-Dibromo-3-chloropropane	49.8		"	50.0		99.6	40-160			30	
1,2-Dibromoethane	48.1		"	50.0		96.1	70-130			30	
1,2-Dichlorobenzene	49.6		"	50.0		99.1	70-130			30	
1,2-Dichloroethane	44.8		"	50.0		89.5	70-130			30	
1,2-Dichloropropane	47.8		"	50.0		95.6	70-130			30	
1,3,5-Trimethylbenzene	49.1		"	50.0		98.2	82-126			30	
1,3-Dichlorobenzene	47.5		"	50.0		95.0	70-130			30	
1,3-Dichloropropane	46.9		"	50.0		93.7	83-123			30	
1,4-Dichlorobenzene	47.8		"	50.0		95.6	70-130			30	
1,4-Dioxane	878		"	1050		83.7	40-160			30	
2,2-Dichloropropane	66.9		"	50.0		134	67-136			30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40179 - EPA 5035A											
LCS (BK40179-BS1) LCS							Prepared & Analyzed: 11/05/2024				
2-Butanone	46.7		ug/L	50.0		93.4	40-160			30	
2-Chlorotoluene	48.0		"	50.0		96.1	78-127			30	
2-Hexanone	51.3		"	50.0		103	40-160			30	
4-Chlorotoluene	48.8		"	50.0		97.6	79-125			30	
4-Methyl-2-pentanone	37.7		"	50.0		75.5	40-160			30	
Acetone	39.1		"	50.0		78.2	40-160			30	
Acrolein	5.38		"	50.0		10.8	10-238			30	
Acrylonitrile	43.4		"	50.0		86.9	66-141			30	
Benzene	45.3		"	50.0		90.6	70-130			30	
Bromobenzene	48.4		"	50.0		96.7	77-129			30	
Bromochloromethane	40.7		"	50.0		81.4	70-130			30	
Bromodichloromethane	47.2		"	50.0		94.3	70-130			30	
Bromoform	51.7		"	50.0		103	70-130			30	
Bromomethane	31.1		"	50.0		62.3	40-160			30	
Carbon disulfide	47.9		"	50.0		95.9	40-160			30	
Carbon tetrachloride	49.8		"	50.0		99.7	70-130			30	
Chlorobenzene	46.8		"	50.0		93.6	70-130			30	
Chloroethane	41.2		"	50.0		82.3	51-142			30	
Chloroform	45.8		"	50.0		91.7	70-130			30	
Chloromethane	47.2		"	50.0		94.5	49-132			30	
cis-1,2-Dichloroethylene	45.0		"	50.0		90.1	70-130			30	
cis-1,3-Dichloropropylene	51.0		"	50.0		102	70-130			30	
Cyclohexane	43.6		"	50.0		87.2	70-130			30	
Dibromochloromethane	47.1		"	50.0		94.2	70-130			30	
Dibromomethane	44.6		"	50.0		89.2	83-124			30	
Dichlorodifluoromethane	40.1		"	50.0		80.2	40-160			30	
Ethyl Benzene	49.2		"	50.0		98.5	70-130			30	
Hexachlorobutadiene	54.1		"	50.0		108	83-133			30	
Isopropylbenzene	50.4		"	50.0		101	70-130			30	
Methyl acetate	38.8		"	50.0		77.6	70-130			30	
Methyl tert-butyl ether (MTBE)	55.0		"	50.0		110	70-130			30	
Methylcyclohexane	46.8		"	50.0		93.6	70-130			30	
Methylene chloride	40.2		"	50.0		80.3	70-130			30	
n-Butylbenzene	50.7		"	50.0		101	80-130			30	
n-Propylbenzene	49.3		"	50.0		98.6	74-136			30	
o-Xylene	49.1		"	50.0		98.2	70-130			30	
p- & m- Xylenes	97.2		"	100		97.2	70-130			30	
p-Isopropyltoluene	51.8		"	50.0		104	85-125			30	
sec-Butylbenzene	49.9		"	50.0		99.7	83-125			30	
Styrene	51.4		"	50.0		103	70-130			30	
tert-Butyl alcohol (TBA)	333		"	250		133	70-130	High Bias		30	
tert-Butylbenzene	44.6		"	50.0		89.3	80-127			30	
Tetrachloroethylene	44.4		"	50.0		88.9	70-130			30	
Toluene	48.1		"	50.0		96.2	70-130			30	
trans-1,2-Dichloroethylene	44.8		"	50.0		89.6	70-130			30	
trans-1,3-Dichloropropylene	55.6		"	50.0		111	70-130			30	
Trichloroethylene	49.5		"	50.0		99.0	70-130			30	
Trichlorofluoromethane	42.0		"	50.0		83.9	40-160			30	
Vinyl Chloride	48.8		"	50.0		97.6	70-130			30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40179 - EPA 5035A											
LCS (BK40179-BS1) LCS								Prepared & Analyzed: 11/05/2024			
Surrogate: SURR: p-Bromofluorobenzene	*49.7*		*ug/L*	*50.0*		*99.3*	*76-130*				
LCS Dup (BK40179-BSD1) LCS Dup								Prepared & Analyzed: 11/05/2024			
1,1,1,2-Tetrachloroethane	54.3		ug/L	50.0		109	75-129		11.7	30	
1,1,1-Trichloroethane	55.4		"	50.0		111	70-130		10.1	30	
1,1,2,2-Tetrachloroethane	48.3		"	50.0		96.7	70-130		0.0414	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.2		"	50.0		100	70-130		4.25	30	
1,1,2-Trichloroethane	48.3		"	50.0		96.5	70-130		4.43	30	
1,1-Dichloroethane	45.1		"	50.0		90.2	70-130		3.20	30	
1,1-Dichloroethylene	48.4		"	50.0		96.7	70-130		1.92	30	
1,1-Dichloropropylene	49.5		"	50.0		99.1	77-127		5.13	30	
1,2,3-Trichlorobenzene	54.9		"	50.0		110	70-130		10.9	30	
1,2,3-Trichloropropane	51.7		"	50.0		103	81-126		6.53	30	
1,2,4-Trichlorobenzene	58.1		"	50.0		116	70-130		11.9	30	
1,2,4-Trimethylbenzene	52.1		"	50.0		104	84-125		2.45	30	
1,2-Dibromo-3-chloropropane	56.7		"	50.0		113	40-160		12.9	30	
1,2-Dibromoethane	51.0		"	50.0		102	70-130		5.88	30	
1,2-Dichlorobenzene	50.9		"	50.0		102	70-130		2.71	30	
1,2-Dichloroethane	49.4		"	50.0		98.9	70-130		9.96	30	
1,2-Dichloropropane	44.3		"	50.0		88.5	70-130		7.69	30	
1,3,5-Trimethylbenzene	49.6		"	50.0		99.3	82-126		1.11	30	
1,3-Dichlorobenzene	50.5		"	50.0		101	70-130		6.20	30	
1,3-Dichloropropane	47.0		"	50.0		94.0	83-123		0.277	30	
1,4-Dichlorobenzene	50.4		"	50.0		101	70-130		5.32	30	
1,4-Dioxane	906		"	1050		86.3	40-160		3.07	30	
2,2-Dichloropropane	72.7		"	50.0		145	67-136	High Bias	8.37	30	
2-Butanone	50.3		"	50.0		101	40-160		7.48	30	
2-Chlorotoluene	48.8		"	50.0		97.6	78-127		1.61	30	
2-Hexanone	48.5		"	50.0		97.0	40-160		5.61	30	
4-Chlorotoluene	49.3		"	50.0		98.6	79-125		1.06	30	
4-Methyl-2-pentanone	34.8		"	50.0		69.7	40-160		7.99	30	
Acetone	41.0		"	50.0		82.1	40-160		4.77	30	
Acrolein	6.61		"	50.0		13.2	10-238		20.5	30	
Acrylonitrile	44.0		"	50.0		88.0	66-141		1.30	30	
Benzene	46.6		"	50.0		93.2	70-130		2.83	30	
Bromobenzene	48.6		"	50.0		97.1	77-129		0.433	30	
Bromochloromethane	41.6		"	50.0		83.2	70-130		2.16	30	
Bromodichloromethane	50.7		"	50.0		101	70-130		7.31	30	
Bromoform	56.2		"	50.0		112	70-130		8.32	30	
Bromomethane	31.1		"	50.0		62.2	40-160		0.0642	30	
Carbon disulfide	48.5		"	50.0		97.0	40-160		1.14	30	
Carbon tetrachloride	55.6		"	50.0		111	70-130		10.9	30	
Chlorobenzene	48.8		"	50.0		97.6	70-130		4.18	30	
Chloroethane	38.2		"	50.0		76.3	51-142		7.57	30	
Chloroform	49.5		"	50.0		99.1	70-130		7.76	30	
Chloromethane	38.6		"	50.0		77.2	49-132		20.1	30	
cis-1,2-Dichloroethylene	47.1		"	50.0		94.2	70-130		4.49	30	
cis-1,3-Dichloropropylene	51.1		"	50.0		102	70-130		0.196	30	
Cyclohexane	43.8		"	50.0		87.6	70-130		0.435	30	
Dibromochloromethane	53.5		"	50.0		107	70-130		12.7	30	
Dibromomethane	46.4		"	50.0		92.8	83-124		3.89	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40179 - EPA 5035A											
LCS Dup (BK40179-BSD1) LCS Dup								Prepared & Analyzed: 11/05/2024			
Dichlorodifluoromethane	44.4		ug/L	50.0		88.7	40-160		10.1	30	
Ethyl Benzene	50.5		"	50.0		101	70-130		2.57	30	
Hexachlorobutadiene	60.7		"	50.0		121	83-133		11.6	30	
Isopropylbenzene	51.3		"	50.0		103	70-130		1.79	30	
Methyl acetate	38.9		"	50.0		77.7	70-130		0.180	30	
Methyl tert-butyl ether (MTBE)	59.3		"	50.0		119	70-130		7.40	30	
Methylcyclohexane	45.3		"	50.0		90.7	70-130		3.15	30	
Methylene chloride	39.6		"	50.0		79.2	70-130		1.40	30	
n-Butylbenzene	50.7		"	50.0		101	80-130		0.118	30	
n-Propylbenzene	49.0		"	50.0		98.0	74-136		0.590	30	
o-Xylene	50.2		"	50.0		100	70-130		2.22	30	
p- & m- Xylenes	98.5		"	100		98.5	70-130		1.33	30	
p-Isopropyltoluene	55.2		"	50.0		110	85-125		6.26	30	
sec-Butylbenzene	51.7		"	50.0		103	83-125		3.56	30	
Styrene	51.2		"	50.0		102	70-130		0.507	30	
tert-Butyl alcohol (TBA)	375		"	250		150	70-130	High Bias	11.9	30	
tert-Butylbenzene	46.2		"	50.0		92.4	80-127		3.46	30	
Tetrachloroethylene	47.8		"	50.0		95.7	70-130		7.37	30	
Toluene	47.8		"	50.0		95.6	70-130		0.542	30	
trans-1,2-Dichloroethylene	46.1		"	50.0		92.2	70-130		2.84	30	
trans-1,3-Dichloropropylene	58.5		"	50.0		117	70-130		5.24	30	
Trichloroethylene	50.2		"	50.0		100	70-130		1.42	30	
Trichlorofluoromethane	43.1		"	50.0		86.2	40-160		2.70	30	
Vinyl Chloride	40.7		"	50.0		81.4	70-130		18.1	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.7*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40275 - EPA 5030B											
Blank (BK40275-BLK1) Blank									Prepared & Analyzed: 11/01/2024		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40275 - EPA 5030B											
Blank (BK40275-BLK1) Blank								Prepared & Analyzed: 11/01/2024			
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.11*		*"*	*10.0*		*91.1*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.64*		*"*	*10.0*		*86.4*	*70-130*				
LCS (BK40275-BS1) LCS								Prepared & Analyzed: 11/01/2024			
1,1,1,2-Tetrachloroethane	12.1		ug/L	10.0		121	82-126			30	
1,1,1-Trichloroethane	11.2		"	10.0		112	70-130			20	
1,1,2,2-Tetrachloroethane	11.5		"	10.0		115	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	70-130			20	
1,1,2-Trichloroethane	11.7		"	10.0		117	70-130			20	
1,1-Dichloroethane	11.4		"	10.0		114	70-130			20	
1,1-Dichloroethylene	12.7		"	10.0		127	70-130			20	
1,1-Dichloropropylene	11.7		"	10.0		117	83-133			30	
1,2,3-Trichlorobenzene	9.30		"	10.0		93.0	70-130			20	
1,2,3-Trichloropropane	10.8		"	10.0		108	77-128			30	
1,2,4-Trichlorobenzene	8.96		"	10.0		89.6	70-130			20	
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132			20	
1,2-Dibromo-3-chloropropane	11.7		"	10.0		117	40-160			20	
1,2-Dibromoethane	11.7		"	10.0		117	70-130			20	
1,2-Dichlorobenzene	10.2		"	10.0		102	70-130			20	
1,2-Dichloroethane	11.4		"	10.0		114	70-130			20	
1,2-Dichloropropane	12.4		"	10.0		124	70-130			20	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131			30	
1,3-Dichlorobenzene	9.75		"	10.0		97.5	70-130			20	
1,3-Dichloropropane	12.0		"	10.0		120	81-125			30	
1,4-Dichlorobenzene	9.62		"	10.0		96.2	70-130			20	
1,4-Dioxane	284		"	210		135	40-160			20	
2,2-Dichloropropane	12.0		"	10.0		120	56-150			30	
2-Butanone	12.5		"	10.0		125	40-160			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40275 - EPA 5030B											
LCS (BK40275-BS1) LCS								Prepared & Analyzed: 11/01/2024			
2-Chlorotoluene	10.2		ug/L	10.0		102	79-130			30	
2-Hexanone	12.3		"	10.0		123	40-160			20	
4-Chlorotoluene	10.2		"	10.0		102	79-128			30	
4-Methyl-2-pentanone	11.3		"	10.0		113	40-160			20	
Acetone	12.6		"	10.0		126	40-160			20	
Acrolein	2.25		"	10.0		22.5	10-153			30	
Acrylonitrile	12.5		"	10.0		125	51-150			30	
Benzene	12.0		"	10.0		120	70-130			20	
Bromobenzene	10.6		"	10.0		106	78-129			30	
Bromochloromethane	11.8		"	10.0		118	70-130			20	
Bromodichloromethane	12.0		"	10.0		120	70-130			20	
Bromoform	10.3		"	10.0		103	70-130			20	
Bromomethane	10.6		"	10.0		106	40-160			20	
Carbon disulfide	13.3		"	10.0		133	40-160			20	
Carbon tetrachloride	11.7		"	10.0		117	70-130			20	
Chlorobenzene	11.2		"	10.0		112	70-130			20	
Chloroethane	11.8		"	10.0		118	40-160			20	
Chloroform	11.3		"	10.0		113	70-130			20	
Chloromethane	12.6		"	10.0		126	40-160			20	
cis-1,2-Dichloroethylene	11.8		"	10.0		118	70-130			20	
cis-1,3-Dichloropropylene	11.8		"	10.0		118	70-130			20	
Cyclohexane	5.71		"	10.0		57.1	70-130	Low Bias		20	
Dibromochloromethane	10.6		"	10.0		106	70-130			20	
Dibromomethane	11.4		"	10.0		114	72-134			30	
Dichlorodifluoromethane	13.9		"	10.0		139	40-160			20	
Ethyl Benzene	12.5		"	10.0		125	70-130			20	
Hexachlorobutadiene	6.45		"	10.0		64.5	67-146	Low Bias		30	
Isopropylbenzene	10.8		"	10.0		108	70-130			20	
Methyl acetate	11.3		"	10.0		113	70-130			20	
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130			20	
Methylcyclohexane	10.6		"	10.0		106	70-130			20	
Methylene chloride	11.7		"	10.0		117	70-130			20	
n-Butylbenzene	8.80		"	10.0		88.0	79-132			30	
n-Propylbenzene	10.5		"	10.0		105	78-133			30	
o-Xylene	11.8		"	10.0		118	70-130			20	
p- & m- Xylenes	24.3		"	20.0		121	70-130			20	
p-Isopropyltoluene	9.64		"	10.0		96.4	81-136			30	
sec-Butylbenzene	9.33		"	10.0		93.3	79-137			30	
Styrene	12.3		"	10.0		123	70-130			20	
tert-Butyl alcohol (TBA)	55.2		"	50.0		110	25-162			30	
tert-Butylbenzene	8.53		"	10.0		85.3	77-138			30	
Tetrachloroethylene	10.8		"	10.0		108	70-130			20	
Toluene	12.2		"	10.0		122	70-130			20	
trans-1,2-Dichloroethylene	12.1		"	10.0		121	70-130			20	
trans-1,3-Dichloropropylene	12.2		"	10.0		122	70-130			20	
Trichloroethylene	11.9		"	10.0		119	70-130			20	
Trichlorofluoromethane	11.5		"	10.0		115	40-160			20	
Vinyl Chloride	11.8		"	10.0		118	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.73*		*"*	*10.0*		*87.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.83*		*"*	*10.0*		*88.3*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40275 - EPA 5030B											
LCS (BK40275-BS1) LCS								Prepared & Analyzed: 11/01/2024			
LCS Dup (BK40275-BSD1) LCS Dup								Prepared & Analyzed: 11/01/2024			
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82-126		5.97	30	
1,1,1-Trichloroethane	10.7		"	10.0		107	70-130		5.03	20	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	70-130		5.34	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	70-130		5.45	20	
1,1,2-Trichloroethane	11.1		"	10.0		111	70-130		4.65	20	
1,1-Dichloroethane	11.0		"	10.0		110	70-130		3.75	20	
1,1-Dichloroethylene	11.7		"	10.0		117	70-130		7.78	20	
1,1-Dichloropropylene	11.2		"	10.0		112	83-133		4.98	30	
1,2,3-Trichlorobenzene	9.17		"	10.0		91.7	70-130		1.41	20	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		1.97	30	
1,2,4-Trichlorobenzene	8.87		"	10.0		88.7	70-130		1.01	20	
1,2,4-Trimethylbenzene	9.79		"	10.0		97.9	82-132		2.12	20	
1,2-Dibromo-3-chloropropane	11.4		"	10.0		114	40-160		2.69	20	
1,2-Dibromoethane	11.1		"	10.0		111	70-130		5.45	20	
1,2-Dichlorobenzene	9.92		"	10.0		99.2	70-130		2.88	20	
1,2-Dichloroethane	11.0		"	10.0		110	70-130		3.39	20	
1,2-Dichloropropane	11.7		"	10.0		117	70-130		5.82	20	
1,3,5-Trimethylbenzene	9.92		"	10.0		99.2	80-131		2.78	30	
1,3-Dichlorobenzene	9.48		"	10.0		94.8	70-130		2.81	20	
1,3-Dichloropropane	11.3		"	10.0		113	81-125		6.01	30	
1,4-Dichlorobenzene	9.31		"	10.0		93.1	70-130		3.28	20	
1,4-Dioxane	286		"	210		136	40-160		0.867	20	
2,2-Dichloropropane	11.2		"	10.0		112	56-150		6.30	30	
2-Butanone	12.4		"	10.0		124	40-160		0.885	20	
2-Chlorotoluene	9.75		"	10.0		97.5	79-130		4.12	30	
2-Hexanone	12.0		"	10.0		120	40-160		2.48	20	
4-Chlorotoluene	9.95		"	10.0		99.5	79-128		2.78	30	
4-Methyl-2-pentanone	10.6		"	10.0		106	40-160		5.93	20	
Acetone	12.5		"	10.0		125	40-160		0.719	20	
Acrolein	0.300		"	10.0		3.00	10-153	Low Bias	153	30	Non-dir.
Acrylonitrile	12.0		"	10.0		120	51-150		3.43	30	
Benzene	11.4		"	10.0		114	70-130		4.70	20	
Bromobenzene	10.2		"	10.0		102	78-129		4.32	30	
Bromochloromethane	11.4		"	10.0		114	70-130		2.76	20	
Bromodichloromethane	11.3		"	10.0		113	70-130		5.99	20	
Bromoform	9.57		"	10.0		95.7	70-130		7.44	20	
Bromomethane	10.3		"	10.0		103	40-160		2.78	20	
Carbon disulfide	12.4		"	10.0		124	40-160		7.32	20	
Carbon tetrachloride	11.2		"	10.0		112	70-130		4.62	20	
Chlorobenzene	10.6		"	10.0		106	70-130		5.60	20	
Chloroethane	11.2		"	10.0		112	40-160		5.20	20	
Chloroform	10.8		"	10.0		108	70-130		4.90	20	
Chloromethane	11.8		"	10.0		118	40-160		6.70	20	
cis-1,2-Dichloroethylene	11.3		"	10.0		113	70-130		4.33	20	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	70-130		8.76	20	
Cyclohexane	5.46		"	10.0		54.6	70-130	Low Bias	4.48	20	
Dibromochloromethane	10.1		"	10.0		101	70-130		4.75	20	
Dibromomethane	10.8		"	10.0		108	72-134		4.87	30	
Dichlorodifluoromethane	12.5		"	10.0		125	40-160		10.1	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40275 - EPA 5030B											
LCS Dup (BK40275-BSD1) LCS Dup								Prepared & Analyzed: 11/01/2024			
Ethyl Benzene	11.8		ug/L	10.0		118	70-130		5.94	20	
Hexachlorobutadiene	6.25		"	10.0		62.5	67-146	Low Bias	3.15	30	
Isopropylbenzene	10.2		"	10.0		102	70-130		4.86	20	
Methyl acetate	10.8		"	10.0		108	70-130		5.07	20	
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	70-130		3.28	20	
Methylcyclohexane	9.96		"	10.0		99.6	70-130		6.04	20	
Methylene chloride	11.4		"	10.0		114	70-130		3.04	20	
n-Butylbenzene	8.78		"	10.0		87.8	79-132		0.228	30	
n-Propylbenzene	10.1		"	10.0		101	78-133		3.99	30	
o-Xylene	11.2		"	10.0		112	70-130		5.47	20	
p- & m- Xylenes	23.1		"	20.0		116	70-130		4.98	20	
p-Isopropyltoluene	9.48		"	10.0		94.8	81-136		1.67	30	
sec-Butylbenzene	9.19		"	10.0		91.9	79-137		1.51	30	
Styrene	11.8		"	10.0		118	70-130		4.39	20	
tert-Butyl alcohol (TBA)	51.6		"	50.0		103	25-162		6.84	30	
tert-Butylbenzene	8.42		"	10.0		84.2	77-138		1.30	30	
Tetrachloroethylene	10.3		"	10.0		103	70-130		4.81	20	
Toluene	11.4		"	10.0		114	70-130		6.27	20	
trans-1,2-Dichloroethylene	11.5		"	10.0		115	70-130		5.01	20	
trans-1,3-Dichloropropylene	11.4		"	10.0		114	70-130		6.79	20	
Trichloroethylene	10.8		"	10.0		108	70-130		9.26	20	
Trichlorofluoromethane	10.8		"	10.0		108	40-160		6.83	20	
Vinyl Chloride	11.0		"	10.0		110	70-130		7.28	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.88*		*"*	*10.0*		*88.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.71*		*"*	*10.0*		*87.1*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40085 - EPA 3550C											
Blank (BK40085-BLK1) Blank									Prepared: 11/02/2024 Analyzed: 11/04/2024		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40085 - EPA 3550C											
Blank (BK40085-BLK1) Blank									Prepared: 11/02/2024 Analyzed: 11/04/2024		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.68*		"	*1.66*		*101*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.62*		"	*1.66*		*97.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.858*		"	*0.831*		*103*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.805*		"	*0.831*		*96.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.80*		"	*1.66*		*108*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.848*		"	*0.831*		*102*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40085 - EPA 3550C											
LCS (BK40085-BS1) LCS								Prepared: 11/02/2024 Analyzed: 11/04/2024			
1,1-Biphenyl	0.974	0.0416	mg/kg wet	0.831		117	18-111	High Bias			
1,2,4,5-Tetrachlorobenzene	1.00	0.0830	"	0.831		121	21-131				
1,2,4-Trichlorobenzene	0.934	0.0416	"	1.25		74.9	10-140				
1,2-Dichlorobenzene	0.952	0.0416	"	1.25		76.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.901	0.0416	"	1.25		72.3	17-137				
1,3-Dichlorobenzene	0.941	0.0416	"	1.25		75.5	33-110				
1,4-Dichlorobenzene	0.941	0.0416	"	1.25		75.5	32-104				
2,3,4,6-Tetrachlorophenol	1.17	0.0830	"	1.25		93.5	30-130				
2,4,5-Trichlorophenol	1.03	0.0416	"	1.25		82.6	27-118				
2,4,6-Trichlorophenol	1.02	0.0416	"	1.25		81.7	31-120				
2,4-Dichlorophenol	1.00	0.0416	"	1.25		80.4	20-127				
2,4-Dimethylphenol	1.04	0.0416	"	1.25		83.7	14-132				
2,4-Dinitrophenol	1.09	0.0830	"	1.25		87.7	10-171				
2,4-Dinitrotoluene	1.07	0.0416	"	1.25		86.1	34-131				
2,6-Dinitrotoluene	1.02	0.0416	"	1.25		82.1	31-128				
2-Chloronaphthalene	0.964	0.0416	"	1.25		77.4	31-117				
2-Chlorophenol	1.04	0.0416	"	1.25		83.1	33-113				
2-Methylnaphthalene	0.879	0.0416	"	1.25		70.6	12-138				
2-Methylphenol	1.06	0.0416	"	1.25		85.2	10-136				
2-Nitroaniline	1.03	0.0830	"	1.25		82.8	27-132				
2-Nitrophenol	0.958	0.0416	"	1.25		76.9	17-129				
3- & 4-Methylphenols	0.945	0.0416	"	1.25		75.8	29-103				
3,3-Dichlorobenzidine	0.817	0.0416	"	0.831		98.4	22-149				
3-Nitroaniline	0.809	0.0830	"	1.25		65.0	20-133				
4,6-Dinitro-2-methylphenol	1.13	0.0830	"	1.25		90.6	10-143				
4-Bromophenyl phenyl ether	0.950	0.0416	"	1.25		76.2	29-120				
4-Chloro-3-methylphenol	1.03	0.0416	"	1.25		82.8	24-129				
4-Chloroaniline	0.607	0.0416	"	1.25		48.7	10-132				
4-Chlorophenyl phenyl ether	1.02	0.0416	"	1.25		81.9	27-124				
4-Nitroaniline	1.00	0.0830	"	1.25		80.6	16-128				
4-Nitrophenol	1.09	0.0830	"	1.25		87.6	10-141				
Acenaphthene	0.940	0.0416	"	1.25		75.4	30-121				
Acenaphthylene	0.988	0.0416	"	1.25		79.3	30-115				
Acetophenone	1.04	0.0416	"	0.831		125	20-112	High Bias			
Aniline	1.02	0.166	"	1.25		81.8	10-119				
Anthracene	0.966	0.0416	"	1.25		77.5	34-118				
Atrazine	1.05	0.0416	"	0.831		127	26-112	High Bias			
Benzaldehyde	0.949	0.0416	"	0.831		114	21-100	High Bias			
Benzo(a)anthracene	1.05	0.0416	"	1.25		84.7	32-122				
Benzo(a)pyrene	1.04	0.0416	"	1.25		83.8	29-133				
Benzo(b)fluoranthene	1.10	0.0416	"	1.25		88.6	25-133				
Benzo(g,h,i)perylene	1.06	0.0416	"	1.25		85.0	10-143				
Benzo(k)fluoranthene	1.07	0.0416	"	1.25		85.8	25-128				
Benzoic acid	0.963	0.0416	"	0.831		116	10-140				
Benzyl alcohol	1.03	0.0416	"	1.25		82.9	30-115				
Benzyl butyl phthalate	1.01	0.0416	"	1.25		81.0	26-126				
Bis(2-chloroethoxy)methane	0.953	0.0416	"	1.25		76.5	19-132				
Bis(2-chloroethyl)ether	0.959	0.0416	"	1.25		77.0	19-125				
Bis(2-chloroisopropyl)ether	0.992	0.0416	"	1.25		79.7	20-135				
Bis(2-ethylhexyl)phthalate	1.06	0.0416	"	1.25		84.8	10-155				
Caprolactam	1.16	0.0830	"	0.831		140	10-127	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40085 - EPA 3550C											
LCS (BK40085-BS1) LCS							Prepared: 11/02/2024 Analyzed: 11/04/2024				
Carbazole	0.978	0.0416	mg/kg wet	1.25		78.5	35-123				
Chrysene	1.02	0.0416	"	1.25		82.3	32-123				
Dibenzo(a,h)anthracene	1.02	0.0416	"	1.25		82.0	10-136				
Dibenzofuran	0.986	0.0416	"	1.25		79.1	29-121				
Diethyl phthalate	1.03	0.0416	"	1.25		82.9	34-116				
Dimethyl phthalate	1.01	0.0416	"	1.25		81.1	35-124				
Di-n-butyl phthalate	1.02	0.0416	"	1.25		82.0	31-116				
Di-n-octyl phthalate	1.11	0.0416	"	1.25		89.4	26-136				
Fluoranthene	1.01	0.0416	"	1.25		81.4	33-122				
Fluorene	0.996	0.0416	"	1.25		80.0	29-123				
Hexachlorobenzene	0.957	0.0416	"	1.25		76.8	21-124				
Hexachlorobutadiene	0.920	0.0416	"	1.25		73.9	10-149				
Hexachlorocyclopentadiene	0.956	0.0416	"	1.25		76.7	10-129				
Hexachloroethane	0.931	0.0416	"	1.25		74.7	28-108				
Indeno(1,2,3-cd)pyrene	1.31	0.0416	"	1.25		105	10-135				
Isophorone	0.952	0.0416	"	1.25		76.5	20-132				
Naphthalene	0.958	0.0416	"	1.25		76.9	23-124				
Nitrobenzene	0.942	0.0416	"	1.25		75.6	13-132				
N-Nitrosodimethylamine	0.927	0.0416	"	1.25		74.4	11-129				
N-nitroso-di-n-propylamine	0.964	0.0416	"	1.25		77.4	24-119				
N-Nitrosodiphenylamine	1.04	0.0416	"	1.25		83.1	22-152				
Pentachlorophenol	0.927	0.0416	"	1.25		74.4	10-139				
Phenanthrene	0.959	0.0416	"	1.25		77.0	33-123				
Phenol	1.04	0.0416	"	1.25		83.4	23-115				
Pyrene	0.951	0.0416	"	1.25		76.3	24-130				
Pyridine	0.618	0.166	"	1.25		49.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.85*		"	*1.66*		*112*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.79*		"	*1.66*		*108*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.847*		"	*0.831*		*102*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.865*		"	*0.831*		*104*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.91*		"	*1.66*		*115*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.880*		"	*0.831*		*106*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40029 - EPA 3550C											
Blank (BK40029-BLK1) Blank									Prepared: 11/01/2024 Analyzed: 11/04/2024		
1,4-Dioxane	ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	*470*		*"*	*1000*		*47.0*	*39-127.5*				
LCS (BK40029-BS1) LCS									Prepared: 11/01/2024 Analyzed: 11/04/2024		
1,4-Dioxane	522	20.0	ug/kg	500		104	40-130				
Surrogate: 1,4-Dioxane-d8	*450*		*"*	*1000*		*45.0*	*39-127.5*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40044 - EPA 1633 Prep											
Blank (BK40044-BLK1) Blank									Prepared: 11/01/2024 Analyzed: 11/04/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.98	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*20.1*		*"*	*23.3*		*86.1*	*25-150*				
Surrogate: M5PFHxA	*24.4*		*"*	*25.0*		*97.5*	*25-150*				
Surrogate: M4PFHpA	*18.8*		*"*	*25.0*		*75.4*	*25-150*				
Surrogate: M3PFHxS	*21.4*		*"*	*23.7*		*90.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.7*		*"*	*25.0*		*111*	*25-150*				
Surrogate: M6PFDA	*12.5*		*"*	*12.5*		*99.6*	*25-150*				
Surrogate: M7PFUdA	*9.88*		*"*	*12.5*		*79.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*7.71*		*"*	*12.5*		*61.7*	*25-150*				
Surrogate: M2PFTeDA	*4.58*		*"*	*12.5*		*36.7*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40044 - EPA 1633 Prep											
Blank (BK40044-BLK1) Blank									Prepared: 11/01/2024 Analyzed: 11/04/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*20.8*		*ng/L*	*100*		*20.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*23.5*		*"*	*24.0*		*98.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*44.0*		*"*	*50.0*		*88.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*24.7*		*"*	*25.0*		*98.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*46.8*		*"*	*50.0*		*93.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*47.2*		*"*	*50.0*		*94.5*	*25-150*				
Surrogate: M2-6:2 FTS	*42.9*		*"*	*47.6*		*90.2*	*25-200*				
Surrogate: M2-8:2 FTS	*42.6*		*"*	*48.0*		*88.7*	*25-200*				
Surrogate: M9PFNA	*9.75*		*"*	*12.5*		*78.0*	*25-150*				
Surrogate: M2-4:2 FTS	*52.3*		*"*	*46.9*		*111*	*25-150*				
Surrogate: d-N-MeFOSA	*13.3*		*"*	*25.0*		*53.1*	*25-150*				
Surrogate: d-N-EtFOSA	*9.72*		*"*	*25.0*		*38.9*	*25-150*				
Surrogate: M3HFPO-DA	*91.5*		*"*	*100*		*91.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*109*		*"*	*250*		*43.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*144*		*"*	*250*		*57.7*	*25-150*				
LCS (BK40044-BS1) LCS									Prepared: 11/01/2024 Analyzed: 11/04/2024		
Perfluorobutanesulfonic acid (PFBS)	34.2	1.77	ng/L	35.4		96.6	50-150				
Perfluorohexanoic acid (PFHxA)	40.4	2.00	"	40.0		101	50-150				
Perfluoroheptanoic acid (PFHpA)	54.2	2.00	"	40.0		136	50-150				
Perfluorohexanesulfonic acid (PFHxS)	38.8	1.83	"	36.6		106	50-150				
Perfluorooctanoic acid (PFOA)	36.4	2.00	"	40.0		91.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	39.2	1.86	"	37.2		105	50-150				
Perfluorononanoic acid (PFNA)	33.0	2.00	"	40.0		82.4	50-150				
Perfluorodecanoic acid (PFDA)	30.7	2.00	"	40.0		76.8	50-150				
Perfluoroundecanoic acid (PFUnA)	38.8	2.00	"	40.0		97.0	50-150				
Perfluorododecanoic acid (PFDoA)	38.5	2.00	"	40.0		96.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	48.9	2.00	"	40.0		122	50-150				
Perfluorotetradecanoic acid (PFTA)	38.6	2.00	"	40.0		96.4	50-150				
N-MeFOSAA	40.0	2.00	"	40.0		100	50-150				
N-EtFOSAA	38.3	2.00	"	40.0		95.8	50-150				
Perfluoropentanoic acid (PFPeA)	82.2	4.00	"	80.0		103	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	29.0	2.00	"	40.0		72.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	39.5	1.91	"	38.2		103	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	39.8	1.93	"	38.6		103	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	133	7.60	"	152		87.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	153	7.68	"	154		99.3	50-150				
Perfluoro-n-butanoic acid (PFBA)	162	8.00	"	160		101	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	81.1	3.56	"	71.2		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	84.6	4.00	"	80.0		106	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	48.6	4.00	"	80.0		60.8	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	83.5	4.00	"	80.0		104	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	39.0	1.88	"	37.6		104	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	132	7.50	"	150		88.1	50-150				
HFPO-DA (Gen-X)	89.3	8.00	"	80.0		112	50-150				
11CL-PF3OUdS	72.3	7.56	"	75.6		95.6	50-150				
9CL-PF3ONS	81.8	7.48	"	74.8		109	50-150				
ADONA	85.4	7.56	"	75.6		113	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40044 - EPA 1633 Prep											
LCS (BK40044-BS1) LCS								Prepared: 11/01/2024 Analyzed: 11/04/2024			
Perfluorododecanesulfonic acid (PFDoS)	24.5	1.94	ng/L	38.8		63.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	37.9	1.92	"	38.4		98.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	147	5.00	"	160		91.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	829	25.0	"	800		104	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	943	25.0	"	800		118	50-150				
N-MeFOSE	347	20.0	"	400		86.9	50-150				
N-MeFOSA	44.0	2.00	"	40.0		110	50-150				
N-EtFOSE	398	20.0	"	400		99.5	50-150				
N-EtFOSA	35.0	2.00	"	40.0		87.4	50-150				
Surrogate: M3PFBS	*20.8*		"	*23.3*		*89.1*	*25-150*				
Surrogate: M5PFHxA	*24.3*		"	*25.0*		*97.3*	*25-150*				
Surrogate: M4PFHpA	*18.7*		"	*25.0*		*74.7*	*25-150*				
Surrogate: M3PFHxS	*21.9*		"	*23.7*		*92.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*25.4*		"	*25.0*		*102*	*25-150*				
Surrogate: M6PFDA	*14.0*		"	*12.5*		*112*	*25-150*				
Surrogate: M7PFUdA	*12.5*		"	*12.5*		*100*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*8.79*		"	*12.5*		*70.3*	*25-150*				
Surrogate: M2PFTeDA	*5.72*		"	*12.5*		*45.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*23.2*		"	*100*		*23.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.1*		"	*24.0*		*92.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*44.1*		"	*50.0*		*88.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*23.7*		"	*25.0*		*94.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*44.3*		"	*50.0*		*88.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*45.9*		"	*50.0*		*91.8*	*25-150*				
Surrogate: M2-6:2 FTS	*47.9*		"	*47.6*		*101*	*25-200*				
Surrogate: M2-8:2 FTS	*48.8*		"	*48.0*		*102*	*25-200*				
Surrogate: M9PFNA	*12.1*		"	*12.5*		*97.0*	*25-150*				
Surrogate: M2-4:2 FTS	*52.7*		"	*46.9*		*112*	*25-150*				
Surrogate: d-N-MeFOSA	*11.5*		"	*25.0*		*46.2*	*25-150*				
Surrogate: d-N-EtFOSA	*9.04*		"	*25.0*		*36.2*	*25-150*				
Surrogate: M3HFPO-DA	*91.8*		"	*100*		*91.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*116*		"	*250*		*46.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*139*		"	*250*		*55.7*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40044 - EPA 1633 Prep											
LCS (BK40044-BS2) LCS								Prepared: 11/01/2024 Analyzed: 11/04/2024			
Perfluorobutanesulfonic acid (PFBS)	7.22	1.77	ng/L	7.08		102	50-150				
Perfluorohexanoic acid (PFHxA)	7.52	2.00	"	8.00		94.0	50-150				
Perfluoroheptanoic acid (PFHpA)	11.8	2.00	"	8.00		148	50-150				
Perfluorohexanesulfonic acid (PFHxS)	7.31	1.83	"	7.32		99.8	50-150				
Perfluorooctanoic acid (PFOA)	7.40	2.00	"	8.00		92.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	8.13	1.86	"	7.44		109	50-150				
Perfluorononanoic acid (PFNA)	9.01	2.00	"	8.00		113	50-150				
Perfluorodecanoic acid (PFDA)	6.78	2.00	"	8.00		84.8	50-150				
Perfluoroundecanoic acid (PFUnA)	8.13	2.00	"	8.00		102	50-150				
Perfluorododecanoic acid (PFDoA)	8.10	2.00	"	8.00		101	50-150				
Perfluorotridecanoic acid (PFTrDA)	10.5	2.00	"	8.00		132	50-150				
Perfluorotetradecanoic acid (PFTA)	9.02	2.00	"	8.00		113	50-150				
N-MeFOSAA	9.01	2.00	"	8.00		113	50-150				
N-EtFOSAA	8.04	2.00	"	8.00		100	50-150				
Perfluoropentanoic acid (PFPeA)	16.6	4.00	"	16.0		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	6.54	2.00	"	8.00		81.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.98	1.91	"	7.64		104	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	6.24	1.93	"	7.72		80.8	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	31.3	7.60	"	30.4		103	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	31.8	7.68	"	30.7		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	33.6	8.00	"	32.0		105	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	16.1	3.56	"	14.2		113	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	17.4	4.00	"	16.0		109	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	17.5	4.00	"	16.0		109	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	16.2	4.00	"	16.0		101	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	8.03	1.88	"	7.52		107	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	27.8	7.50	"	30.0		92.7	50-150				
HFPO-DA (Gen-X)	16.8	8.00	"	16.0		105	50-150				
11CL-PF3OUdS	15.3	7.56	"	15.1		101	50-150				
9CL-PF3ONS	16.7	7.48	"	15.0		112	50-150				
ADONA	17.8	7.56	"	15.1		118	50-150				
Perfluorododecanesulfonic acid (PFDoS)	5.06	1.94	"	7.76		65.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	6.83	1.92	"	7.68		88.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	31.6	5.00	"	32.0		98.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	172	25.0	"	160		107	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	184	25.0	"	160		115	50-150				
N-MeFOSE	70.0	20.0	"	80.0		87.5	50-150				
N-MeFOSA	8.67	2.00	"	8.00		108	50-150				
N-EtFOSE	85.8	20.0	"	80.0		107	50-150				
N-EtFOSA	8.85	2.00	"	8.00		111	50-150				
Surrogate: M3PFBS	*21.1*		"	*23.3*		*90.4*	*25-150*				
Surrogate: M5PFHxA	*25.2*		"	*25.0*		*101*	*25-150*				
Surrogate: M4PFHpA	*20.3*		"	*25.0*		*81.1*	*25-150*				
Surrogate: M3PFHxS	*22.8*		"	*23.7*		*96.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.1*		"	*25.0*		*116*	*25-150*				
Surrogate: M6PFDA	*13.7*		"	*12.5*		*110*	*25-150*				
Surrogate: M7PFUdA	*12.4*		"	*12.5*		*99.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*7.14*		"	*12.5*		*57.1*	*25-150*				
Surrogate: M2PFTeDA	*5.43*		"	*12.5*		*43.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40044 - EPA 1633 Prep											
LCS (BK40044-BS2) LCS									Prepared: 11/01/2024 Analyzed: 11/04/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*102*		*ng/L*	*100*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*24.0*		*"*	*24.0*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*47.9*		*"*	*50.0*		*95.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*23.8*		*"*	*25.0*		*95.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*44.5*		*"*	*50.0*		*88.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*47.0*		*"*	*50.0*		*94.0*	*25-150*				
Surrogate: M2-6:2 FTS	*43.8*		*"*	*47.6*		*92.1*	*25-200*				
Surrogate: M2-8:2 FTS	*46.3*		*"*	*48.0*		*96.5*	*25-200*				
Surrogate: M9PFNA	*11.5*		*"*	*12.5*		*92.1*	*25-150*				
Surrogate: M2-4:2 FTS	*54.9*		*"*	*46.9*		*117*	*25-150*				
Surrogate: d-N-MeFOSA	*8.20*		*"*	*25.0*		*32.8*	*25-150*				
Surrogate: d-N-EtFOSA	*6.63*		*"*	*25.0*		*26.5*	*25-150*				
Surrogate: M3HFPO-DA	*93.2*		*"*	*100*		*93.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*116*		*"*	*250*		*46.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*154*		*"*	*250*		*61.6*	*25-150*				
Batch BK40092 - EPA 1633 Prep											
Blank (BK40092-BLK1) Blank									Prepared: 11/02/2024 Analyzed: 11/05/2024		
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.400	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.760	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.768	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.800	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.356	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.400	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.400	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.750	"								
HFPO-DA (Gen-X)	ND	0.800	"								
11CL-PF3OUdS	ND	0.756	"								

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40092 - EPA 1633 Prep											
Blank (BK40092-BLK1) Blank									Prepared: 11/02/2024 Analyzed: 11/05/2024		
9CL-PF3ONS	ND	0.748	ug/kg wet								
ADONA	ND	0.756	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.04*		"	*2.33*		*87.7*	*25-150*				
Surrogate: M5PFHxA	*2.72*		"	*2.50*		*109*	*25-150*				
Surrogate: M4PFHpA	*2.05*		"	*2.50*		*81.8*	*25-150*				
Surrogate: M3PFHxS	*1.92*		"	*2.37*		*81.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.58*		"	*2.50*		*103*	*25-150*				
Surrogate: M6PFDA	*1.18*		"	*1.25*		*94.3*	*25-150*				
Surrogate: M7PFUdA	*0.903*		"	*1.25*		*72.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.732*		"	*1.25*		*58.5*	*25-150*				
Surrogate: M2PFTeDA	*0.650*		"	*1.25*		*52.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.8*		"	*10.0*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.96*		"	*2.40*		*81.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.38*		"	*5.00*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.29*		"	*2.50*		*91.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.13*		"	*5.00*		*82.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.31*		"	*5.00*		*86.3*	*25-150*				
Surrogate: M2-6:2 FTS	*3.39*		"	*4.76*		*71.2*	*25-200*				
Surrogate: M2-8:2 FTS	*3.37*		"	*4.80*		*70.2*	*25-200*				
Surrogate: M9PFNA	*1.02*		"	*1.25*		*81.7*	*25-150*				
Surrogate: M2-4:2 FTS	*5.05*		"	*4.69*		*108*	*25-150*				
Surrogate: d-N-MeFOSA	*1.53*		"	*2.50*		*61.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.10*		"	*2.50*		*44.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.9*		"	*10.0*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.8*		"	*25.0*		*55.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.7*		"	*25.0*		*62.7*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40092 - EPA 1633 Prep											
LCS (BK40092-BS1) LCS								Prepared: 11/02/2024 Analyzed: 11/05/2024			
Perfluorobutanesulfonic acid (PFBS)	3.00	0.177	ug/kg wet	3.54		84.7	50-150				
Perfluorohexanoic acid (PFHxA)	3.46	0.200	"	4.00		86.4	50-150				
Perfluoroheptanoic acid (PFHpA)	5.39	0.200	"	4.00		135	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.34	0.183	"	3.66		91.3	50-150				
Perfluorooctanoic acid (PFOA)	3.54	0.200	"	4.00		88.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.71	0.186	"	3.72		99.7	50-150				
Perfluorononanoic acid (PFNA)	3.53	0.200	"	4.00		88.3	50-150				
Perfluorodecanoic acid (PFDA)	2.80	0.200	"	4.00		69.9	50-150				
Perfluoroundecanoic acid (PFUnA)	3.77	0.200	"	4.00		94.2	50-150				
Perfluorododecanoic acid (PFDoA)	3.20	0.200	"	4.00		80.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.69	0.200	"	4.00		92.3	50-150				
Perfluorotetradecanoic acid (PFTA)	3.75	0.200	"	4.00		93.7	50-150				
N-MeFOSAA	3.89	0.200	"	4.00		97.3	50-150				
N-EtFOSAA	3.72	0.200	"	4.00		92.9	50-150				
Perfluoropentanoic acid (PFPeA)	7.94	0.400	"	8.00		99.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.18	0.200	"	4.00		79.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.01	0.200	"	3.82		105	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.07	0.193	"	3.86		79.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	13.9	0.760	"	15.2		91.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	14.6	0.768	"	15.4		95.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.0	0.800	"	16.0		93.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.35	0.356	"	7.12		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.76	0.400	"	8.00		97.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.44	0.400	"	8.00		106	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.60	0.400	"	8.00		94.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.07	0.188	"	3.76		108	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.0	0.750	"	15.0		79.7	50-150				
HFPO-DA (Gen-X)	6.96	0.800	"	8.00		87.0	50-150				
11CL-PF3OUdS	4.77	0.756	"	7.56		63.1	50-150				
9CL-PF3ONS	5.51	0.748	"	7.48		73.7	50-150				
ADONA	7.29	0.756	"	7.56		96.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.47	0.194	"	3.88		63.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.54	0.192	"	3.84		92.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.8	1.00	"	16.0		92.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	71.1	5.00	"	80.0		88.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	65.9	5.00	"	80.0		82.4	50-150				
N-MeFOSE	32.2	2.00	"	40.0		80.4	50-150				
N-MeFOSA	5.29	0.200	"	4.00		132	50-150				
N-EtFOSE	39.3	2.00	"	40.0		98.2	50-150				
N-EtFOSA	4.26	0.200	"	4.00		106	50-150				
Surrogate: M3PFBS	*2.40*		"	*2.33*		*103*	*25-150*				
Surrogate: M5PFHxA	*2.96*		"	*2.50*		*118*	*25-150*				
Surrogate: M4PFHpA	*2.12*		"	*2.50*		*84.7*	*25-150*				
Surrogate: M3PFHxS	*2.26*		"	*2.37*		*95.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.59*		"	*2.50*		*103*	*25-150*				
Surrogate: M6PFDA	*1.25*		"	*1.25*		*99.7*	*25-150*				
Surrogate: M7PFUdA	*0.958*		"	*1.25*		*76.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.707*		"	*1.25*		*56.6*	*25-150*				
Surrogate: M2PFTeDA	*0.572*		"	*1.25*		*45.8*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40092 - EPA 1633 Prep											
LCS (BK40092-BS1) LCS									Prepared: 11/02/2024 Analyzed: 11/05/2024		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.2*		*ug/kg wet*	*10.0*		*122*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.71*		*"*	*2.40*		*71.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.59*		*"*	*5.00*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.92*		*"*	*2.50*		*77.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.24*		*"*	*5.00*		*64.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.64*		*"*	*5.00*		*72.8*	*25-150*				
Surrogate: M2-6:2 FTS	*3.97*		*"*	*4.76*		*83.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.68*		*"*	*4.80*		*76.6*	*25-200*				
Surrogate: M9PFNA	*1.02*		*"*	*1.25*		*81.3*	*25-150*				
Surrogate: M2-4:2 FTS	*5.77*		*"*	*4.69*		*123*	*25-150*				
Surrogate: d-N-MeFOSA	*1.13*		*"*	*2.50*		*45.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.03*		*"*	*2.50*		*41.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.8*		*"*	*10.0*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.1*		*"*	*25.0*		*44.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.6*		*"*	*25.0*		*58.4*	*25-150*				
LCS (BK40092-BS2) LCS									Prepared: 11/02/2024 Analyzed: 11/05/2024		
Perfluorobutanesulfonic acid (PFBS)	0.636	0.177	ug/kg wet	0.708		89.8	50-150				
Perfluorohexanoic acid (PFHxA)	0.723	0.200	"	0.800		90.4	50-150				
Perfluoroheptanoic acid (PFHpA)	1.03	0.200	"	0.800		128	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.668	0.183	"	0.732		91.3	50-150				
Perfluorooctanoic acid (PFOA)	0.686	0.200	"	0.800		85.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.767	0.186	"	0.744		103	50-150				
Perfluorononanoic acid (PFNA)	0.689	0.200	"	0.800		86.1	50-150				
Perfluorodecanoic acid (PFDA)	0.631	0.200	"	0.800		78.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.774	0.200	"	0.800		96.7	50-150				
Perfluorododecanoic acid (PFDoA)	0.662	0.200	"	0.800		82.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.674	0.200	"	0.800		84.2	50-150				
Perfluorotetradecanoic acid (PFTA)	0.733	0.200	"	0.800		91.6	50-150				
N-MeFOSAA	0.715	0.200	"	0.800		89.4	50-150				
N-EtFOSAA	0.896	0.200	"	0.800		112	50-150				
Perfluoropentanoic acid (PFPeA)	1.53	0.400	"	1.60		95.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.694	0.200	"	0.800		86.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.733	0.200	"	0.764		96.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.811	0.193	"	0.772		105	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.16	0.760	"	3.04		104	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.92	0.768	"	3.07		95.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.94	0.800	"	3.20		91.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.48	0.356	"	1.42		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.63	0.400	"	1.60		102	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.64	0.400	"	1.60		103	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.53	0.400	"	1.60		95.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.764	0.188	"	0.752		102	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.33	0.750	"	3.00		77.7	50-150				
HFPO-DA (Gen-X)	1.56	0.800	"	1.60		97.5	50-150				
11CL-PF3OUdS	1.11	0.756	"	1.51		73.5	50-150				
9CL-PF3ONS	1.18	0.748	"	1.50		79.2	50-150				
ADONA	1.35	0.756	"	1.51		89.6	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40092 - EPA 1633 Prep											
LCS (BK40092-BS2) LCS								Prepared: 11/02/2024 Analyzed: 11/05/2024			
Perfluorododecanesulfonic acid (PFDoS)	0.664	0.194	ug/kg wet	0.776		85.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.722	0.192	"	0.768		94.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.75	1.00	"	3.20		86.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	14.2	5.00	"	16.0		88.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	15.2	5.00	"	16.0		94.9	50-150				
N-MeFOSE	6.60	2.00	"	8.00		82.5	50-150				
N-MeFOSA	0.812	0.200	"	0.800		101	50-150				
N-EtFOSE	7.55	2.00	"	8.00		94.3	50-150				
N-EtFOSA	0.881	0.200	"	0.800		110	50-150				
Surrogate: M3PFBS	*2.46*		"	*2.33*		*106*	*25-150*				
Surrogate: M5PFHxA	*3.03*		"	*2.50*		*121*	*25-150*				
Surrogate: M4PFHpA	*2.32*		"	*2.50*		*92.8*	*25-150*				
Surrogate: M3PFHxS	*2.54*		"	*2.37*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.88*		"	*2.50*		*115*	*25-150*				
Surrogate: M6PFDA	*1.29*		"	*1.25*		*103*	*25-150*				
Surrogate: M7PFUdA	*1.13*		"	*1.25*		*90.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.871*		"	*1.25*		*69.7*	*25-150*				
Surrogate: M2PFTeDA	*0.808*		"	*1.25*		*64.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.5*		"	*10.0*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.22*		"	*2.40*		*92.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.82*		"	*5.00*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.36*		"	*2.50*		*94.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.40*		"	*5.00*		*88.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.69*		"	*5.00*		*93.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.19*		"	*4.76*		*88.2*	*25-200*				
Surrogate: M2-8:2 FTS	*4.19*		"	*4.80*		*87.3*	*25-200*				
Surrogate: M9PFNA	*1.20*		"	*1.25*		*96.0*	*25-150*				
Surrogate: M2-4:2 FTS	*6.55*		"	*4.69*		*140*	*25-150*				
Surrogate: d-N-MeFOSA	*1.90*		"	*2.50*		*75.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.36*		"	*2.50*		*54.4*	*25-150*				
Surrogate: M3HFPO-DA	*12.0*		"	*10.0*		*120*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.8*		"	*25.0*		*59.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*18.0*		"	*25.0*		*71.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40083 - EPA 3550C											
Blank (BK40083-BLK1) Blank									Prepared: 11/02/2024 Analyzed: 11/04/2024		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Surrogate: Decachlorobiphenyl	*0.0394*		*"*	*0.0664*		*59.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0564*		*"*	*0.0664*		*84.9*	*30-150*				
LCS (BK40083-BS1) LCS									Prepared: 11/02/2024 Analyzed: 11/04/2024		
4,4'-DDD	0.0216	0.00164	mg/kg wet	0.0332		65.0	40-140				
4,4'-DDE	0.0232	0.00164	"	0.0332		69.9	40-140				
4,4'-DDT	0.0248	0.00164	"	0.0332		74.7	40-140				
Aldrin	0.0239	0.00164	"	0.0332		72.0	40-140				
alpha-BHC	0.0243	0.00164	"	0.0332		73.2	40-140				
alpha-Chlordane	0.0240	0.00164	"	0.0332		72.4	40-140				
beta-BHC	0.0280	0.00164	"	0.0332		84.4	40-140				
delta-BHC	0.0211	0.00164	"	0.0332		63.6	40-140				
Dieldrin	0.0232	0.00164	"	0.0332		69.8	40-140				
Endosulfan I	0.0246	0.00164	"	0.0332		74.1	40-140				
Endosulfan II	0.0244	0.00164	"	0.0332		73.6	40-140				
Endosulfan sulfate	0.0189	0.00164	"	0.0332		56.8	40-140				
Endrin	0.0244	0.00164	"	0.0332		73.4	40-140				
Endrin aldehyde	0.0229	0.00164	"	0.0332		68.9	40-140				
Endrin ketone	0.0225	0.00164	"	0.0332		67.7	40-140				
gamma-BHC (Lindane)	0.0241	0.00164	"	0.0332		72.5	40-140				
gamma-Chlordane	0.0237	0.00164	"	0.0332		71.4	40-140				
Heptachlor	0.0254	0.00164	"	0.0332		76.5	40-140				
Heptachlor epoxide	0.0243	0.00164	"	0.0332		73.3	40-140				
Methoxychlor	0.0261	0.00164	"	0.0332		78.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0350*		*"*	*0.0664*		*52.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0495*		*"*	*0.0664*		*74.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40083 - EPA 3550C											
Matrix Spike (BK40083-MS1) Matrix Spike	*Source sample: 24J2128-04 (PE76_17)								Prepared: 11/02/2024 Analyzed: 11/04/2024		
4,4'-DDD	0.0360	0.00173	mg/kg dry	0.0350	ND	103	30-150				
4,4'-DDE	0.0360	0.00173	"	0.0350	ND	103	30-150				
4,4'-DDT	0.0412	0.00173	"	0.0350	ND	118	30-150				
Aldrin	0.0362	0.00173	"	0.0350	ND	103	30-150				
alpha-BHC	0.0384	0.00173	"	0.0350	ND	110	30-150				
alpha-Chlordane	0.0368	0.00173	"	0.0350	ND	105	30-150				
beta-BHC	0.0430	0.00173	"	0.0350	ND	123	30-150				
delta-BHC	0.0351	0.00173	"	0.0350	ND	100	30-150				
Dieldrin	0.0360	0.00173	"	0.0350	ND	103	30-150				
Endosulfan I	0.0379	0.00173	"	0.0350	ND	108	30-150				
Endosulfan II	0.0390	0.00173	"	0.0350	ND	111	30-150				
Endosulfan sulfate	0.0315	0.00173	"	0.0350	ND	90.0	30-150				
Endrin	0.0389	0.00173	"	0.0350	ND	111	30-150				
Endrin aldehyde	0.0361	0.00173	"	0.0350	ND	103	30-150				
Endrin ketone	0.0368	0.00173	"	0.0350	ND	105	30-150				
gamma-BHC (Lindane)	0.0371	0.00173	"	0.0350	ND	106	30-150				
gamma-Chlordane	0.0368	0.00173	"	0.0350	ND	105	30-150				
Heptachlor	0.0407	0.00173	"	0.0350	ND	116	30-150				
Heptachlor epoxide	0.0375	0.00173	"	0.0350	ND	107	30-150				
Methoxychlor	0.0408	0.00173	"	0.0350	ND	116	30-150				
Surrogate: Decachlorobiphenyl	*0.0460*		*"*	*0.0701*		*65.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0646*		*"*	*0.0701*		*92.1*	*30-150*				
Matrix Spike Dup (BK40083-! Matrix Spike Dup	*Source sample: 24J2128-04 (PE76_17)								Prepared: 11/02/2024 Analyzed: 11/04/2024		
4,4'-DDD	0.0320	0.00173	mg/kg dry	0.0350	ND	91.4	30-150		11.8	30	
4,4'-DDE	0.0324	0.00173	"	0.0350	ND	92.4	30-150		10.7	30	
4,4'-DDT	0.0367	0.00173	"	0.0350	ND	105	30-150		11.4	30	
Aldrin	0.0326	0.00173	"	0.0350	ND	93.2	30-150		10.4	30	
alpha-BHC	0.0351	0.00173	"	0.0350	ND	100	30-150		9.06	30	
alpha-Chlordane	0.0331	0.00173	"	0.0350	ND	94.4	30-150		10.5	30	
beta-BHC	0.0389	0.00173	"	0.0350	ND	111	30-150		10.0	30	
delta-BHC	0.0317	0.00173	"	0.0350	ND	90.5	30-150		10.2	30	
Dieldrin	0.0324	0.00173	"	0.0350	ND	92.5	30-150		10.6	30	
Endosulfan I	0.0343	0.00173	"	0.0350	ND	97.8	30-150		10.0	30	
Endosulfan II	0.0351	0.00173	"	0.0350	ND	100	30-150		10.4	30	
Endosulfan sulfate	0.0279	0.00173	"	0.0350	ND	79.7	30-150		12.1	30	
Endrin	0.0349	0.00173	"	0.0350	ND	99.7	30-150		10.8	30	
Endrin aldehyde	0.0323	0.00173	"	0.0350	ND	92.1	30-150		11.3	30	
Endrin ketone	0.0328	0.00173	"	0.0350	ND	93.5	30-150		11.5	30	
gamma-BHC (Lindane)	0.0339	0.00173	"	0.0350	ND	96.6	30-150		9.02	30	
gamma-Chlordane	0.0331	0.00173	"	0.0350	ND	94.5	30-150		10.5	30	
Heptachlor	0.0376	0.00173	"	0.0350	ND	107	30-150		7.94	30	
Heptachlor epoxide	0.0341	0.00173	"	0.0350	ND	97.2	30-150		9.68	30	
Methoxychlor	0.0367	0.00173	"	0.0350	ND	105	30-150		10.6	30	
Surrogate: Decachlorobiphenyl	*0.0448*		*"*	*0.0701*		*63.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0641*		*"*	*0.0701*		*91.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40083 - EPA 3550C											
Blank (BK40083-BLK2) Blank									Prepared: 11/02/2024 Analyzed: 11/04/2024		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0598*		*"*	*0.0664*		*90.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0379*		*"*	*0.0664*		*57.0*	*30-120*				
LCS (BK40083-BS2) LCS									Prepared: 11/02/2024 Analyzed: 11/04/2024		
Aroclor 1016	0.274	0.0166	mg/kg wet	0.332		82.5	40-130				
Aroclor 1260	0.283	0.0166	"	0.332		85.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0532*		*"*	*0.0664*		*80.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0382*		*"*	*0.0664*		*57.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40024 - EPA 3550C/8151A											
Blank (BK40024-BLK1) Blank								Prepared & Analyzed: 11/01/2024			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.370*		*"*	*0.415*		*89.0*	*21-150*				
LCS (BK40024-BS1) LCS								Prepared & Analyzed: 11/01/2024			
2,4,5-T	0.0598	0.0199	mg/kg wet	0.0664		90.0	10-120				
2,4,5-TP (Silvex)	0.0532	0.0199	"	0.0664		80.0	10-120				
2,4-D	0.0723	0.0199	"	0.0664		109	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.402*		*"*	*0.415*		*96.8*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40101 - EPA 3050B											
Blank (BK40101-BLK1) Blank									Prepared: 11/03/2024 Analyzed: 11/04/2024		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	5.38	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BK40101-DUP1) Duplicate *Source sample: 24J2128-05 (PE77_16)									Prepared: 11/03/2024 Analyzed: 11/04/2024		
Aluminum	4880	4.42	mg/kg dry		4740				2.93	35	
Antimony	ND	2.21	"		ND					35	
Arsenic	1.62	1.33	"		1.47				9.74	35	
Barium	12.2	2.21	"		10.3				16.4	35	
Beryllium	0.217	0.045	"		0.216				0.409	35	
Cadmium	ND	0.265	"		ND					35	
Calcium	512	4.42	"		539				5.16	35	
Chromium	9.19	0.442	"		9.92				7.68	35	
Cobalt	3.47	0.353	"		3.22				7.41	35	
Copper	7.27	1.77	"		7.75				6.47	35	
Iron	7110	22.1	"		7230				1.65	35	
Lead	2.24	0.442	"		2.51				11.5	35	
Magnesium	1910	4.42	"		1660				14.3	35	
Manganese	50.5	0.442	"		55.7				9.66	35	
Nickel	16.8	0.881	"		13.0				25.4	35	
Potassium	474	4.42	"		411				14.3	35	
Selenium	ND	2.21	"		ND					35	
Silver	ND	0.446	"		ND					35	
Sodium	54.5	44.2	"		54.1				0.684	35	
Thallium	ND	2.21	"		ND					35	
Vanadium	11.3	0.881	"		11.6				2.56	35	
Zinc	12.8	2.20	"		13.2				3.06	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40101 - EPA 3050B											
Matrix Spike (BK40101-MS1) Matrix Spike	*Source sample: 24J2128-05 (PE77_16)							Prepared: 11/03/2024 Analyzed: 11/04/2024			
Aluminum	5350	4.42	mg/kg dry	177	4740	348	75-125	High Bias			
Antimony	10.7	2.21	"	22.1	ND	48.4	75-125	Low Bias			
Arsenic	170	1.33	"	177	1.47	95.5	75-125				
Barium	202	2.21	"	177	10.3	108	75-125				
Beryllium	4.50	0.045	"	4.42	0.216	96.9	75-125				
Cadmium	4.41	0.265	"	4.42	ND	99.8	75-125				
Calcium	645	4.42	"	88.4	539	120	75-125				
Chromium	28.4	0.442	"	17.7	9.92	104	75-125				
Cobalt	48.3	0.353	"	44.2	3.22	102	75-125				
Copper	31.4	1.77	"	22.1	7.75	107	75-125				
Iron	7690	22.1	"	88.4	7230	521	75-125	High Bias			
Lead	44.8	0.442	"	44.2	2.51	95.6	75-125				
Magnesium	2820	4.42	"	88.4	1660	NR	75-125	High Bias			
Manganese	98.2	0.442	"	44.2	55.7	96.2	75-125				
Nickel	64.8	0.881	"	44.2	13.0	117	75-125				
Potassium	525	4.42	"	88.4	411	130	75-125	High Bias			
Selenium	163	2.21	"	177	ND	92.1	75-125				
Silver	4.15	0.446	"	4.42	ND	93.8	75-125				
Sodium	144	44.2	"	88.4	54.1	101	75-125				
Thallium	173	2.21	"	177	ND	97.7	75-125				
Vanadium	56.0	0.881	"	44.2	11.6	101	75-125				
Zinc	55.6	2.20	"	44.2	13.2	96.0	75-125				
Post Spike (BK40101-PS1) Post Spike	*Source sample: 24J2128-05 (PE77_16)							Prepared: 11/03/2024 Analyzed: 11/04/2024			
Aluminum	55.5		ug/mL	2.00	53.6	93.8	75-125				
Antimony	0.255		"	0.250	-0.004	102	75-125				
Arsenic	1.96		"	2.00	0.017	97.3	75-125				
Barium	2.22		"	2.00	0.117	105	75-125				
Beryllium	0.053		"	0.0500	0.002	100	75-125				
Cadmium	0.050		"	0.0500	0.0003	100	75-125				
Calcium	7.03		"	1.00	6.09	93.9	75-125				
Chromium	0.318		"	0.200	0.112	103	75-125				
Cobalt	0.552		"	0.500	0.036	103	75-125				
Copper	0.358		"	0.250	0.088	108	75-125				
Iron	82.6		"	1.00	81.8	76.5	75-125				
Lead	0.510		"	0.500	0.028	96.3	75-125				
Magnesium	19.6		"	1.00	18.7	82.8	75-125				
Manganese	1.15		"	0.500	0.630	104	75-125				
Nickel	0.663		"	0.500	0.147	103	75-125				
Potassium	5.81		"	1.00	4.64	116	75-125				
Selenium	1.88		"	2.00	0.003	93.7	75-125				
Silver	0.048		"	0.0500	-0.003	96.8	75-125				
Sodium	1.66		"	1.00	0.612	105	75-125				
Thallium	2.00		"	2.00	-0.005	99.8	75-125				
Vanadium	0.646		"	0.500	0.131	103	75-125				
Zinc	0.642		"	0.500	0.149	98.5	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40101 - EPA 3050B											
Reference (BK40101-SRM1) Reference											
Prepared: 11/03/2024 Analyzed: 11/04/2024											
Aluminum	6920	4.17	mg/kg wet	7680		90.1	35.7-119				
Antimony	71.7	2.08	"	244		29.4	0-99.5				
Arsenic	230	1.25	"	283		81.3	69.9-101.4				
Barium	344	2.08	"	326		105	73.9-107.1				
Beryllium	157	0.042	"	175		89.4	75.4-107.4				
Cadmium	85.7	0.250	"	95.8		89.5	72.3-103.7				
Calcium	5290	4.17	"	5470		96.7	79.5-113.2				
Chromium	216	0.417	"	239		90.4	72.4-106.3				
Cobalt	139	0.333	"	150		92.9	76-107.3				
Copper	208	1.67	"	217		96.0	74.7-105.1				
Iron	6470	20.8	"	7360		87.9	53-127.9				
Lead	181	0.417	"	210		86.2	75.7-109.5				
Magnesium	1910	4.17	"	2080		91.8	67.3-111.1				
Manganese	249	0.417	"	290		85.9	73.4-108.3				
Nickel	303	0.830	"	329		92.2	74.5-106.7				
Potassium	2070	4.17	"	2330		88.8	60.9-111.6				
Selenium	251	2.08	"	281		89.2	77.6-116.7				
Silver	74.5	0.420	"	82.7		90.1	73.7-111.7				
Sodium	387	41.7	"	427		90.6	71.2-118.7				
Thallium	112	2.08	"	123		91.3	70.2-104.8				
Vanadium	170	0.830	"	192		88.5	68.8-107.8				
Zinc	230	2.08	"	260		88.3	72.7-109.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40053 - EPA 7473 soil											
Blank (BK40053-BLK1) Blank									Prepared: 11/01/2024 Analyzed: 11/02/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BK40053-SRM1) Reference									Prepared: 11/01/2024 Analyzed: 11/02/2024		
Mercury	17.856		mg/kg	18.2		98.1	59.9-140.1				
Batch BK40087 - EPA 7473 soil											
Blank (BK40087-BLK1) Blank									Prepared: 11/02/2024 Analyzed: 11/05/2024		
Mercury	ND	0.0300	mg/kg wet								
Reference (BK40087-SRM1) Reference									Prepared: 11/02/2024 Analyzed: 11/05/2024		
Mercury	18.401		mg/kg	18.2		101	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40012 - Analysis Preparation Soil												
Blank (BK40012-BLK1)	Blank								Prepared & Analyzed: 11/01/2024			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BK40012-DUP1)	Duplicate	*Source sample: 24J2128-05 (PE77_16)							Prepared & Analyzed: 11/01/2024			
Cyanide, total		ND	0.531	mg/kg dry		ND					15	
Matrix Spike (BK40012-MS1)	Matrix Spike	*Source sample: 24J2128-05 (PE77_16)							Prepared & Analyzed: 11/01/2024			
Cyanide, total		5.14	0.531	mg/kg dry	5.31	ND	96.9	79.6-107				
Matrix Spike Dup (BK40012-I	Matrix Spike Dup	*Source sample: 24J2128-05 (PE77_16)							Prepared & Analyzed: 11/01/2024			
Cyanide, total		5.68	0.531	mg/kg dry	5.31	ND	107	79.6-107		9.95	200	
Reference (BK40012-SRM1)	Reference								Prepared & Analyzed: 11/01/2024			
Cyanide, total		46.8		ug/mL	59.7		78.5	38.5-161.4				
Batch BK40039 - EPA SW846-3060												
Blank (BK40039-BLK1)	Blank								Prepared & Analyzed: 11/01/2024			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Reference (BK40039-SRM1)	Reference								Prepared & Analyzed: 11/01/2024			
Chromium, Hexavalent		298		mg/L	227		131	42.3-157.7				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24J2128-01	TB_10312024	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24J2128-03	PE72_16	40mL Vial with Stir Bar-Cool 4° C
24J2128-04	PE76_17	40mL Vial with Stir Bar-Cool 4° C
24J2128-05	PE77_16	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24J2128

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Report To:	Invoice To:
Company: Langan	Company:
Address: 300 Kimball Dr Parsippany, NJ 07054	Address: SAME
Phone.: 973-560-4900	Phone.:
Contact: Lauren Kott	Contact:
E-mail: lkott@langan.com	E-mail:

YOUR Project Name / Number: 1006888801 12096 Flatlands

PO Number:

Samples Collected From: NY X CT Other: (please specify) NJ PA

Analyses Requested

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Pepper Greenley

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: VOA	VOCs	SVOCs	Pests/Herbs	PCBs	Cyanide	TAL Metals	Cr6/Cr3	PFAS	1,4-dioxane	Grab or Comp. G/C
TB_10312024	10/31	—	—											X									
EB_10312024		13:20	AQ	2																	X		
PE72_16		12:50	S	3									/	X	X	X	X	X	X	X	X	X	
PE76_17		13:00	S	3									/	↓	↓	↓	↓	↓	↓	↓	↓	↓	
PE77_16	↓	13:10	S	3									/	↓	↓	↓	↓	↓	↓	↓	↓	↓	

PG PG PG

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day X
- RUSH - Four Day
- RUSH - Five Day
- ~~Standard (6-8 Day)~~ X
- PFAS Standard 7-10 Day

Report Type (circle)

- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)

- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / (N) Containers Intact: (Y) / N COC/Labels Agree: (Y) / N Preservation Confirmed: (Y) / N
COC Complete: (Y) / N COC Received: (Y) / N Appropriate Sample Volumes: (Y) / N Appropriate Sample Containers: (Y) / N
Cooler Temperature Confirmed: (Y) / N Samples Submitted within Holding Times: (Y) / N Corrective Action Form Required: Y / (N)

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Langan	10/31/24 15:55	Abaz Habib	10/31/24 15:55	Abaz Habib	10/31/24 2150
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by:	Date/Time 10/31/24 21:50 Temperature 4.1°C Degrees C

APPENDIX M

Data Usability Summary Report (DUSR)

LANGAN

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

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To: Lauren Kott, Langan Senior Project Engineer

From: Joe Conboy, Langan Project Chemist

Date: Updated November 8, 2024

Re: Data Usability Summary Report
For 12096 Flatlands Avenue Site
August and September 2024 Soil Samples
Langan Project No.: 100688802

This memorandum presents the findings of an analytical data validation from the analysis of soil samples collected in August and September 2024 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. at the 12096 Flatlands Avenue Site. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration #10854 and 12058) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), per- and polyfluoroalkyl substances (PFAS), herbicides, polychlorinated biphenyls (PCBs), pesticides, metals, cyanide, hexavalent chromium, and trivalent chromium by the methods specified below.

- VOCs by SW-846 Method 8260D
- SVOCs by SW-846 Method 8270E/8270D SIM
- PFAS by USEPA Method 1633 Draft 3
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Metals by SW-846 Method 6010D/7473
- Cyanide by Standard Method 4500
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (calculated)

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation

- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. All nine (9) sample delivery groups underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

R – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The sections below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260D

24H0729

The LCS/LCSD for batch BH40942 exhibited a percent recovery below the LCL for tert-butyl alcohol (59.1%, 62%). The associated results in samples PE01_15, PE02_15, PE09_15, PE10_15, PE17_15, and PE18_15 are qualified as UJ because of potential low bias.

The LCSD for batch BH40942 exhibited a percent recovery below the LCL for dichlorodifluoromethane (26.1%). The associated results in samples PE01_15, PE02_15, PE09_15, PE10_15, PE17_15, and PE18_15 are qualified as UJ because of potential low bias.

24H1241

The sample PE27_15 exhibited a percent recovery below the LCL for the surrogate toluene-d8 (85%). The associated results are qualified as J or UJ because of potential low bias.

24H1317

The LCS/LCSD for batch BH41690 exhibited a percent recovery below the LCL for tert-butyl alcohol (46.6%, 48.5%). The associated results in samples PE15_16 and PE30_16 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BH41690 exhibited a RPD above the control limit for acrolein (32.6%). The associated results in samples PE15_16 and PE30_16 are qualified as UJ because of potential indeterminate bias.

24H1562

The LCS/LCSD for batch BH41690 exhibited a RPD above the control limit for acrolein (32.6%). The associated results in samples DUP-1_08222024, PE21_15, PE29_15, PE38_16, and PE39_16 are qualified as UJ because of potential indeterminate bias.

The LCS/LCSD for batch BH41690 exhibited a percent recovery below the LCL for tert-butyl alcohol (46.6%, 48.5%). The associated results in samples DUP-1_08222024, PE21_15, PE29_15, PE38_16, and PE39_16 are qualified as UJ because of potential low bias.

24H1664

The LCS/LCSD for batch BH41808 exhibited a RPD above the control limit for 1,4-dioxane (80.8%). The associated results in samples PE4_15 and PE5_15 are qualified as UJ because of potential indeterminate bias.

The LCS/LCSD for batch BH41808 exhibited a percent recovery below the LCL for dichlorodifluoromethane (24.5%, 22%). The associated results in samples PE4_15 and PE5_15 are qualified as UJ because of potential low bias.

24I0063

The LCS/LCSD for batch BI40276 exhibited a RPD above the control limit for acrolein (41%). The associated results in sample PE03_15 are qualified as UJ because of potential indeterminate bias.

The case narrative noted sample PE03_15 exhibited an improper sampling technique for organic analyses. The associated results are qualified as J/UJ because of potential low bias.

24I0233

The LCS/LCSD for batch BI40488 exhibited a RPD above the control limit for acrolein (43.4%). The associated results in samples PE16_15, PE32_15, PE33_15, PE34_15, and PE40_15 are qualified as J because of potential indeterminate bias.

24I0367

The TB (TB_09062024) exhibited detections of acrylonitrile (2.61 ug/l) and acetone (2.04 ug/l). The associated detected results in samples DUP_09062024 and PE24_15_20240906 are qualified as U at the reporting limit because of potential blank contamination.

24I0428

The LCS/LCSD for batch BI40681 exhibited a RPD above the control limit for acrolein (35.5%). The associated results in sample PE06_15 are qualified as UJ because of potential indeterminate bias.

The LCS/LCSD for batch BI40681 exhibited percent recoveries below the LCL for vinyl chloride (69.5%, 69.9%) and dichlorodifluoromethane (32.6%, 29.9%). The associated results in sample PE06_15 are qualified as UJ because of potential low bias.

24I1448

The LCS and/or LCSD for batch BI41602 exhibited percent recoveries below the LCL for acrolein (5.66%, 8.9%) and 1,2-dichloroethane (LCS = 6.4%). The associated results in samples DUP_09242024, PE35_20.5, PE36_20, PE43_21, PE52_19.5, and PE60_19.5 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BI41602 exhibited RPDs above the control limit for acrolein (44.5%) and 1,2-dichloroethane (170%). The associated results in samples DUP_09242024, PE35_20.5, PE36_20, PE43_21, PE52_19.5, and PE60_19.5 are qualified as UJ because of potential indeterminate bias.

SVOCs by SW-846 Method 8270E/8270D SIM

24H1241

The sample PE19_15 exhibited a percent recovery below the LCL for the surrogate 1,4-dioxane-d8 (SIM) (37.9%). The associated results are qualified as UJ because of potential low bias.

24H1317

The LCS for batch BH41462 exhibited a percent recovery above the UCL for several analytes (113 - 146%). The associated results in samples PE11_15, PE13_15, PE14_15, PE15_16, PE22_16, PE23_16, PE30_16, and PE31_16 are qualified as J because of potential high bias.

24H1973

The LCS for batch BH42098 exhibited percent recoveries below the LCL for 2,4-dinitrophenol (0%), 4,6-dinitro-2-methylphenol (0%), benzoic acid (6.96%), and hexachlorocyclopentadiene (0%). The associated results in sample PE08_16 are qualified as UJ because of potential low bias.

24I0233

The LCS for batch BI40519 exhibited percent recoveries below the LCL for 2,4-dinitrophenol (0%), 4,6-dinitro-2-methylphenol (0%), benzoic acid (8.28%), and hexachlorocyclopentadiene (0%). The associated results in samples PE32_15, PE33_15, PE34_15, and PE40_15 are qualified as UJ because of potential low bias.

24I0367

The LCS for batch BI40631 exhibited a percent recovery below the LCL for 4,6-dinitro-2-methylphenol (9.28%). The associated results in sample PE24_15_20240906 are qualified as UJ because of potential low bias.

24I1064

The LCS for batch BI41292 exhibited percent recoveries below the LCL for phenol (3.55%), pentachlorophenol (7.17%), and 3- and 4- methylphenol (27.4%). The associated results in sample PE51_20 are qualified as UJ because of potential low bias.

24I1448

The MB for batch BI41656 exhibited a detection of bis(2-ethylhexyl) phthalate (0.0555 mg/kg). The associated detected results <10x the sample concentration in samples DUP_09242024, PE35_20.5, PE36_20, PE43_21, PE52_19.5, and PE60_19.5 are qualified as J or as U at the reporting limit because of potential blank contamination.

PFAS by USEPA Method 1633 Draft 3

24H0169

The LCS for batch BH40419 exhibited percent recoveries below the LCL for n-methyl perfluorooctanesulfonamide (NMeFOSA) (48.4%) and 3-perfluoropropyl propanoic acid (3:3 FTCA) (36.1%). The associated results in samples PE25_15 and PE26_15 are qualified as UJ because of potential low bias.

The sample PE25_15 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (8.67%). The associated results are qualified as UJ because of potential low bias.

The sample PE25_15 exhibited percent recoveries above the UCL for the isotope dilution standard 13C8-perfluorooctanesulfonate (156%), d3-N-MeFOSAA (166%), and d5-N-EtFOSAA (157%). The associated results are qualified as J or UJ because of potential high bias.

The sample PE26_15 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (21.8%). The associated results are qualified as UJ because of potential low bias.

The sample PE26_15 exhibited percent recoveries above the UCL for the isotope dilution standard 13C8-perfluorooctanesulfonate (157%), d3-N-MeFOSAA (159%), and d5-N-EtFOSAA (164%). The associated results are qualified as J or UJ because of potential high bias.

24H0729

The mid- and low-level LCS for batch BH41144 exhibited percent recoveries below the LCL for 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) (38.7%), 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS) (44.49%, 44.4%), perfluorodecanesulfonic acid (PFDS) (48.5%), and perfluorododecanesulfonic acid (PFDoS) (45.7%). The associated results in samples PE01_15, PE02_15, PE09_15, PE10_15, PE17_15, and PE18_15 are qualified as UJ because of potential low bias.

The sample PE01_15 exhibited percent recoveries above the UCL for the isotope dilution standard M2-8:2 FTS (268%) and M2-4:2 FTS (186%). The associated results are qualified as UJ because of potential high bias.

The sample PE02_15 exhibited percent recoveries above the UCL for the isotope dilution standard M2-4:2 FTS (170%) and d-N-MeFOSA (179%). The associated results are qualified as UJ because of potential high bias.

The sample PE09_15 exhibited percent recoveries above the UCL for the isotope dilution standard M4PFHpA (155%), M2-8:2 FTS (216%), and m2-4:2 FTS (188%). The associated results are qualified as UJ because of potential high bias.

The sample PE10_15 exhibited percent recoveries above the UCL for the isotope dilution standard d5-N-EtFOSAA (169%), M2-6:2 FTS (335%), M2-8:2 FTS (423%), and M2-4:2 FTS (318%). The associated results are qualified as UJ because of potential high bias.

The sample PE17_15 exhibited percent recoveries above the UCL for the isotope dilution standard M3PFBS (175%), M4PFHpA (178%), M3PFHxS (153%), M8PFOS (167%), d3-N-MeFOSAA (171%), d5-N-EtFOSAA (202%), M2-6:2 FTS (647%), M2-8:2 FTS (844%), and M2-4:2 FTS (420%). The associated results are qualified as UJ because of potential high bias.

The sample PE18_15 exhibited percent recoveries above the UCL for the isotope dilution standard M2-6:2 FTS (261%), M2-8:2 FTS (344%), and M2-4:2 FTS (252%). The associated results are qualified as UJ because of potential high bias.

24H1241

The MB for batch BH41437 exhibited a detection of 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) (0.493 ug/kg). The associated detected results <10x the blank concentration in samples PE12_15, PE19_15, PE27_15, and PE28_15 are qualified as U at the reporting limit because of potential blank contamination.

The LCS for batch BH41437 exhibited percent recoveries below the LCL for 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) (46.7%) and perfluorododecanesulfonic acid (PFDoS) (47.5%). The associated results in samples PE12_15, PE19_15, PE27_15, and PE28_15 are qualified as UJ because of potential low bias.

The LCS for batch BH41553 exhibited percent recoveries below the LCL for 3-perfluoropropyl propanoic acid (3:3 FTCA) (25.1%), n-methyl perfluorooctanesulfonamide (NMEFOSA) (44.8%), and perfluorododecanesulfonic acid (PFDoS) (38.6%). The associated results in sample PE20_15 are qualified as UJ because of potential low bias.

The sample PE12_15 exhibited percent recoveries below the LCL for the isotope dilution standard 13c4-perfluorobutanoic acid (3.23%), 13c4-perfluoroheptanoic acid (161%), n-methyl-d3-perfluoro-1-octanesulfonamide (158%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (186%), M3-hexafluoropropylene oxide dimer acid (M3HFPO-DA) (166%), and perfluoro[2,3,4-13c3]butanesulfonic acid (M3PFBS) (152%). The associated results are qualified as UJ because of potential low bias.

The sample PE19_15 exhibited percent recoveries below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (7.39%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (285%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (309%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (398%). The associated results are qualified as UJ because of potential low bias.

The sample PE20_15 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (21.1%). The associated results are qualified as UJ because of potential low bias.

The sample PE27_15 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (177%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (249%). The associated results are qualified as UJ because of potential high bias.

The sample PE28_15 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (290%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (311%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (400%). The associated results are qualified as UJ because of potential high bias.

24H1317

The LCS for batch BH41437 exhibited percent recoveries below the LCL for 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) (46.7%) and perfluorododecanesulfonic acid (PFDoS) (46.8%, 47.5%). The associated results in samples PE11_15, PE13_15, PE14_15, PE15_16, PE22_16, PE23_16, PE30_16, and PE31_16 are qualified as UJ because of potential low bias.

The sample PE11_15 exhibited percent recoveries outside of control limits for the isotope dilution standard 13C4-perfluorobutanoic acid (2.97%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (167%). The associated results are qualified as UJ because of potential bias.

The sample PE13_15 exhibited percent recoveries outside of control limits for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (188%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (215%), and perfluoro[2,3,4-13C3]butanesulfonic acid (M3Pfbs) (151%). The associated results are qualified as UJ because of potential bias.

The sample PE15_16 exhibited a percent recovery outside of control limits for the isotope dilution standard M3-hexafluoropropylene oxide dimer acid (M3HFPO-DA) (153%). The associated results are qualified as UJ because of potential high bias.

The sample PE22_16 exhibited percent recoveries outside of control limits for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (293%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (284%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (347%). The associated results are qualified as UJ because of potential bias.

The sample PE23_16 exhibited a percent recovery outside of control limits for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (150%). The associated results are qualified as UJ because of potential high bias.

The sample PE30_16 exhibited percent recoveries outside of control limits for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (164%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (215%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (299%). The associated results are qualified as UJ because of potential bias.

The sample PE31_16 exhibited percent recoveries outside of control limits for the isotope dilution standard n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (163%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (273%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (406%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (520%). The associated results are qualified as UJ because of potential bias.

<u>24H1562</u>

The LCS for batch BH41764 exhibited percent recoveries below the LCL for perfluoro-3-methoxypropanoic acid (PFMPA) (9.94%, 9.23%) and 3-perfluoropropyl propanoic acid (3:3 FTCA) (37.8%). The associated results in samples DUP-1_08222024, PE21_15, PE29_15, PE38_16, and PE39_16 are qualified as UJ because of potential low bias.

The sample DUP-1_08222024 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (154%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (216%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (304%). The associated results are qualified as UJ because of potential high bias.

The sample PE21_15 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (204%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (297%). The associated results are qualified as UJ because of potential high bias.

The sample PE29_15 exhibited percent recoveries above the UCL for the isotope dilution standard 13C4-perfluoroheptanoic acid (153%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (217%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (260%). The associated results are qualified as UJ because of potential high bias.

The sample PE38_16 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (195%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (267%). The associated results are qualified as UJ because of potential high bias.

The sample PE39_16 exhibited percent recoveries above the UCL for the isotope dilution standard 13c4-perfluoroheptanoic acid (161%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (168%), 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-octane sulfonic acid (6:2) (221%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (327%). The associated results are qualified as UJ because of potential high bias.

24H1664

The LCS for batch BH41764 exhibited percent recoveries below the LCL for perfluoro-3-methoxypropanoic acid (PFMPA) (9.94%, 9.23%) and 3-perfluoropropyl propanoic acid (3:3 FTCA) (37.8%). The associated results in sample PE4_15 and PE5_15 are qualified as UJ because of potential low bias.

The sample PE4_15 exhibited percent recoveries outside of control limits for the isotope dilution standards 13C4-perfluorobutanoic acid (4.62%) and 13C4-perfluoroheptanoic acid (177%). The associated results are qualified as UJ because of potential bias.

The sample PE5_15 exhibited a percent recovery above the UCL for the isotope dilution standard perfluoro[2,3,4-13c3]butanesulfonic acid (M3PFBS) (159%). The associated results are qualified as UJ because of potential high bias.

24H1973

The sample PE08_16 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (4.52%). The associated results are qualified as UJ because of potential low bias.

The sample PE08_16 exhibited a percent recovery above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (207%). The associated results are qualified as UJ because of potential high bias.

24H2102

The sample PE07_16 exhibited percent recoveries below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (2.65%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (154%), d7-2-(n-methyl perfluoro-1-octanesulfonamido)-ethanol

(22.9%), d9-2-(n-ethyl perfluoro-1-octanesulfonamido)-ethanol (24.1%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (215%). The associated results are qualified as UJ because of potential low bias.

24I0063

The LCS for batch BI40236 exhibited a percent recovery below the LCL for perfluorododecanesulfonic acid (PFDoS) (42.6%, 45.3%). The associated results in sample PE03_15 are qualified as UJ because of potential low bias.

The sample PE03_15 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (221%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (216%). The associated results are qualified as UJ because of potential high bias.

24I0233

The sample PE16_15 exhibited percent recoveries above the UCL for the isotope dilution standard 13C6-perfluorodecanoic acid (151%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (159%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (255%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (207%). The associated results are qualified as UJ because of potential high bias.

The sample PE32_15 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (282%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (238%). The associated results are qualified as UJ because of potential high bias.

The sample PE33_15 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (334%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (312%). The associated results are qualified as UJ because of potential high bias.

The sample PE34_15 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (290%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (257%). The associated results are qualified as UJ because of potential high bias.

The sample PE40_15 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (7.77%). The associated results are qualified as UJ because of potential low bias.

The sample PE40_15 exhibited percent recoveries above the UCL for the isotope dilution standard n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (153%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (160%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (383%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (377%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (213%). The associated results are qualified as UJ because of potential high bias.

The mid- and low-level LCS for batch BI40777 exhibited a percent recovery below the LCL for perfluorododecanesulfonic acid (PFDoS) (46.4%, 43%). The associated results in samples PE16_15, PE32_15, PE33_15, PE34_15, and PE40_15 are qualified as UJ because of potential low bias.

24I0367

The sample DUP_09062024 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (156%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (217%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (230%). The associated results are qualified as UJ because of potential high bias.

The sample PE24_15_20240906 exhibited percent recoveries above the UCL for the isotope dilution standard n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (156%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (248%). The associated results are qualified as UJ because of potential high bias.

24I0428

The mid- and low-level LCS for batch BI40777 exhibited a percent recovery below the LCL for perfluorododecanesulfonic acid (PFDoS) (46.4%, 43%). The associated results in sample PE06_15 are qualified as UJ because of potential low bias.

The sample PE06_15 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (274%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (217%). The associated results are qualified as UJ because of potential high bias.

24I0618

The mid- and low-level LCS for batch BI41014 exhibited percent recoveries below the LCL for 3-Perfluoropropyl propanoic acid (3:3 FTCA) (32.2%) and Perfluoro-3-methoxypropanoic acid (PFMPA) (4.44%, 11%). The associated results in samples PE41_21.5, PE42_21.5, PE49_22, PE50_21.5, PE57_22, PE58_21.5, and PE59_20 are qualified as UJ because of potential low bias.

The sample PE41_21.5 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (6.43%). The associated results are qualified as UJ because of potential low bias.

The sample PE41_21.5 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (377%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (294%). The associated results are qualified as UJ because of potential high bias.

The sample PE42_21.5 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (384%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (284%). The associated results are qualified as UJ because of potential high bias.

The sample PE49_22 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (16.1%). The associated results are qualified as UJ because of potential low bias.

The sample PE49_22 exhibited percent recoveries above the UCL for the isotope dilution standard n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (162%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (364%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (357%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (233%). The associated results are qualified as UJ because of potential high bias.

The sample PE50_21.5 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (19.1%). The associated results are qualified as UJ because of potential low bias.

The sample PE50_21.5 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (338%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (237%). The associated results are qualified as UJ because of potential high bias.

The sample PE57_22 exhibited percent recoveries above the UCL for the isotope dilution standard 13C8-perfluorooctane sulfonic acid (161%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (187%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (191%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (436%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (541%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (386%). The associated results are qualified as J or UJ because of potential high bias.

The sample PE58_21.5 exhibited percent recoveries above the UCL for the isotope dilution standard n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (170%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (335%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (397%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (294%). The associated results are qualified as UJ because of potential high bias.

The sample PE59_20 exhibited percent recoveries above the UCL for the isotope dilution standard 13C4-perfluorobutanoic acid (24.6%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (161%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (343%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (294%), and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (221%). The associated results are qualified as UJ because of potential high bias.

24I1064

The LCS for batch BI41273 exhibited percent recoveries below the LCL for 9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS) (49.9%), 11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS) (33.1%), and perfluorododecanesulfonic acid (PFDoS) (44.8%, 41.7%). The associated results in sample PE51_20 are qualified as UJ because of potential low bias.

The sample PE51_20 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (4.93%). The associated results are qualified as UJ because of potential low bias.

The sample PE51_20 exhibited percent recoveries above the UCL for the isotope dilution standard 13C8-perfluorooctane sulfonic acid (150%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (185%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (216%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (591%), 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (433%), and 1H,1H,2H,2H-perfluoro-1-[1,2-

13C2]-decane sulfonic acid (8:2) (343%). The associated results are qualified as UJ because of potential high bias.

24I1448

The LCS for batch BI41791 exhibited percent recoveries below the LCL for Perfluoro-3-methoxypropanoic acid (PFMPA) (5.53%) and Perfluorododecanesulfonic acid (PFDoS) (31.4%, 41.5%). The associated results in samples DUP_09242024, PE35_20.5, PE36_20, PE43_21, PE52_19.5, and PE60_19.5 are qualified as UJ because of potential low bias.

The sample DUP_09242024 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (5.37%). The associated results are qualified as UJ because of potential low bias.

The sample DUP_09242024 exhibited a percent recovery above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (203%). The associated results are qualified as UJ because of potential high bias.

The sample PE52_19.5 exhibited a percent recovery below the LCL for the isotope dilution standard D9-2-(n-ethyl perfluoro-1-octanesulfonamido)-ethanol (24.4%). The associated results are qualified as UJ because of potential low bias.

The sample PE52_19.5 exhibited percent recoveries above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonic acid (6:2) (285%) and 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (263%). The associated results are qualified as UJ because of potential high bias.

The sample PE60_19.5 exhibited a percent recovery above the UCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-decane sulfonic acid (8:2) (259%). The associated results are qualified as UJ because of potential high bias.

PCBs by SW-846 Method 8082A

24H0729

The sample PE02_15 exhibited a percent recovery above the UCL for the surrogate decachlorobiphenyl (241%). The associated results are qualified as J because of potential high bias.

The sample PE09_15 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (28.5%). The associated results are qualified as J or UJ because of potential low bias.

The sample PE10_15 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (16.5%). The associated results are qualified as UJ because of potential low bias.

The sample PE18_15 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (22%). The associated results are qualified as UJ because of potential low bias.

24I1448

The sample PE52_19.5 exhibited RPDs above the control limit between the primary and secondary GC columns for Aroclor 1248 (147.83%) and total PCBs (133.24%). The associated results are qualified as J because of potential indeterminate bias.

The sample PE60_19.5 exhibited RPDs above the control limit between the primary and secondary GC columns for Aroclor 1248 (146.26%) and total PCBs (128.44%). The associated results are qualified as J because of potential indeterminate bias.

Pesticides by SW-846 Method 8081B

24H0729

The sample PE10_15 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (23.9%). The associated results are qualified as UJ because of potential low bias.

The sample PE18_15 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (28.8%). The associated results are qualified as UJ because of potential low bias.

24I1448

The sample PE52_19.5 exhibited RPDs above the control limit between the primary and secondary GC columns for 4,4'-DDT (102.64%) and gamma-chlordane (110.76%). The associated results are qualified as J because of potential indeterminate bias.

The sample PE60_19.5 exhibited a RPD above the control limit between the primary and secondary GC columns for 4,4'-DDT (64.87%). The associated results are qualified as J because of potential indeterminate bias.

Metals by SW-846 Method 6010D/7473

24H0169

The LCS for batch BH40468 exhibited a percent recovery above the UCL for sodium (120%). The associated results in samples PE25_15 and PE26_15 are qualified as J because of potential high bias.

24H0729

The laboratory duplicate and parent sample (PE09_15) exhibited RPDs above the control limit for iron (41.5%), manganese (44.2%), sodium (43.5%), copper (152%), and zinc (61.8%). The associated results are qualified as J because of potential indeterminate bias.

The MS performed on sample PE09_15 exhibited percent recoveries below the LCL for lead (58.3%), antimony (37.1%), and sodium (147%). The associated results in sample PE09_15 are qualified as J or UJ because of potential low bias.

The MS performed on sample PE09_15 exhibited percent recoveries above the UCL for copper (202%) and zinc (72.6%). The associated results in sample PE09_15 are qualified as J because of potential high bias.

The post-digestion spike performed on sample PE09_15 exhibited a percent recovery above the UCL for sodium (167%). The associated results in sample PE09_15 are qualified as J because of potential high bias.

The SRM for batch BH40859 exhibited a percent recovery below the LCL for silver (60.5%). The associated results in samples PE01_15, PE02_15, and PE09_15 are qualified as UJ because of potential low bias.

The SRM for batch BH40859 exhibited a percent recovery above the UCL for copper (108%). The associated results in samples PE01_15, PE02_15, and PE09_15 are qualified as J because of potential high bias.

24H1241

The MB for batch BH41413 exhibited a detection of potassium (10.0 mg/kg) and beryllium (0.067 mg/kg). The associated detected results <10x the blank concentration in samples PE12_15,

PE19_15, PE20_15, PE27_15, and PE28_15 are qualified as J because of potential blank contamination.

24H1317

The MB for batch BH41413 exhibited a detection of potassium (10.0 mg/kg) and beryllium (0.067 mg/kg). The associated detected results >10x the blank concentration in samples PE11_15, PE13_15, PE14_15, PE15_16, PE22_16, PE23_16, PE30_16, and PE31_16 are qualified as J because of potential blank contamination.

24H1562

The LCS for batch BH41618 exhibited a percent recovery above the UCL for sodium (117%). The associated results in samples PE21_15, PE29_15, PE38_16, and PE39_16 are qualified as J because of potential high bias.

The LCS for batch BH41703 exhibited a percent recovery above the UCL for sodium (184%). The associated results in sample DUP-1_08222024 are qualified as J because of potential high bias.

24H1664

The LCS for batch BH41618 exhibited a percent recovery above the UCL for sodium (117%). The associated detected results in samples PE4_15 and PE5_15 are qualified as J because of potential high bias.

The MS performed on sample PE5_15 exhibited a percent recovery below the LCL for antimony (43.1%). The associated results in sample PE5_15 are qualified as UJ because of potential low bias.

The laboratory duplicate and parent sample (PE5_15) exhibited RPDs above the control limit for lead (62.9%), barium (77.9%), cobalt (50.7%), zinc (42.6%), and calcium (58.3%). The associated results are qualified as J because of potential indeterminate bias.

24H1973

The LCS for batch BH41988 exhibited a percent recovery above the UCL for sodium (326%). The associated results in sample PE08_16 are qualified as J because of potential high bias.

24H2102

The FB (FB_08292024) exhibited detections of lead (0.00631 mg/l), potassium (24.8 mg/l), sodium (20.3 mg/l), and calcium (0.492 mg/l). The associated detected results in sample PE07_16 are qualified as U at the sample concentration because of potential blank contamination.

The laboratory duplicate and parent sample (PE07_16) exhibited a RPD above the control limit for barium (45.3%). The associated results are qualified as J because of potential indeterminate bias.

The MS performed on sample PE07_16 exhibited percent recoveries below the LCL for silver (26.6%), antimony (48.6%), and mercury (0%). The associated results in sample PE07_16 are qualified as UJ because of potential low bias.

24I0233

The LCS for batch BI40566 exhibited percent recoveries above the UCL for beryllium (109%) and copper (108%). The associated results in samples PE16_15, PE32_15, PE33_15, PE34_15, and PE40_15 are qualified as J because of potential high bias.

24I0367

The laboratory duplicate and parent sample (PE24_15_20240906) exhibited RPDs above the control limit for lead (85.6%), manganese (42.5%), barium (81.2%), copper (114%), zinc (100%), and calcium (111%). The associated results are qualified as J because of potential indeterminate bias.

The MS performed on sample PE24_15_20240906 exhibited percent recoveries above the UCL for manganese (163%), barium (526%), and chromium (146%). The associated results in sample PE24_15_20240906 are qualified as J because of potential high bias.

The MS performed on sample PE24_15_20240906 exhibited a percent recovery below the LCL for antimony (47.5%). The associated results in sample PE24_15_20240906 are qualified as UJ because of potential low bias.

The MS performed on sample PE24_15_20240906 exhibited a percent recovery below the LCL for mercury (-6.84%). The associated results in sample PE24_15_20240906 are qualified as J because of potential low bias.

24I1064

The laboratory duplicate and parent sample (PE51_20) exhibited a RPD above the control limit for arsenic (51.9%). The associated results are qualified as J because of potential indeterminate bias.

The MS performed on sample PE51_20 exhibited a percent recovery below the LCL for antimony (41%). The associated results in sample PE51_20 are qualified as UJ because of potential low bias.

24I1448

The MB for batch BI41719 exhibited a detection of potassium (26.8 mg/kg). The associated detected results <10x the blank concentration in samples DUP_09242024, PE36_20, PE43_21, PE52_19.5, and PE60_19.5 are qualified as J because of potential blank contamination.

The FB (FB_09242024) exhibited detections of sodium (0.903 mg/l) and calcium (0.24 mg/l). The associated detected results <10x the blank concentration in samples DUP_09242024, PE35_20.5, PE36_20, PE43_21, PE52_19.5, and PE60_19.5 are qualified as J or as U at the sample concentration because of potential blank contamination.

The MS performed on sample PE35_20.5 exhibited a percent recovery below the LCL for mercury (55.2%). The associated results in sample PE35_20.5 are qualified as J because of potential low bias.

The MS performed on sample PE35_20.5 exhibited percent recoveries below the LCL for sodium (73%) and antimony (33.9%). The associated results are qualified as J or UJ because of potential low bias.

The LCS for batch BI41719 exhibited a percent recovery above the UCL for manganese (116%). The associated results in samples DUP_09242024, PE36_20, PE43_21, PE52_19.5, and PE60_19.5 are qualified as J because of potential high bias.

Hexavalent Chromium by SW-846 Method 7196A

24H1317

The MS/MSD performed on sample PE15_16 exhibited a percent recovery below the LCL for hexavalent chromium (59.2%, 56%). The associated results in samples PE13_15, PE14_15, and PE15_16 are qualified as UJ because of potential low bias.

24H1973

The MS/MSD performed on sample PE08_16 exhibited a percent recovery below the LCL for hexavalent chromium (56.6%, 63%). The associated results in sample PE08_16 are qualified as UJ because of potential low bias.

24H2102

The MS/MSD performed on sample PE07_16 exhibited a percent recovery below the LCL for hexavalent chromium (35.6%, 25.8%). The associated results in sample PE07_16 are qualified as UJ because of potential low bias.

24I0367

The MS/MSD performed on sample PE24_15_20240906 exhibited a percent recovery below the LCL for hexavalent chromium (40%, 35.6%). The associated results in sample are qualified as UJ because of potential low bias.

24I0618

The MS/MSD performed on sample PE42_21.5 exhibited a percent recovery below the LCL for hexavalent chromium (42.6%, 46.6%). The associated results in sample PE42_21.5 are qualified as UJ because of potential low bias.

24I1064

The MS/MSD performed on sample PE51_20 exhibited a percent recovery below the LCL for hexavalent chromium (0%). The associated results in sample PE51_20 are qualified as UJ because of potential low bias.

24I1448

The MS/MSD performed on sample PE35_20.5 exhibited a percent recovery below the LCL for hexavalent chromium (57.6%, 66%). The associated results in sample PE35_20.5 are qualified as UJ because of potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260D

24H0169

The LCS/LCSD for batch BG41999 exhibited percent recoveries above the UCL for chloromethane (139%, 138%), cyclohexane (135%, 134%), and vinyl chloride (140%, 136%). The associated results are non-detect. No qualification is necessary.

24H1241

The LCS for batch BH41577 exhibited a percent recovery above the UCL for acrylonitrile (149%). The associated results are non-detect. No qualification is necessary.

24H1317

The LCS for batch BH41577 exhibited a percent recovery above the UCL for acrylonitrile (149%). The associated results are non-detect. No qualification is necessary.

24H1664

The TB (TB-08232024) exhibited detections of acrylonitrile (1.6 ug/l) and 1,2,3-trichlorobenzene (0.26 ug/l). The associated results are non-detect. No qualification is necessary.

24H1973

The TB (TB_08282024) exhibited a detection of acrylonitrile (1.39 ug/l). The associated results are non-detect. No qualification is necessary.

24H2102

The FB (FB_08292024) exhibited detections of chloroform (16.8 ug/l), bromodichloromethane (1.19 ug/l), and tert-butyl alcohol (0.660 ug/l). The associated results are non-detect. No qualification is necessary.

The MS and/or MSD performed on sample PE07_16 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24I0063

The TB (TB_09032024) exhibited a detection of acrylonitrile (1.48 ug/l). The associated results are non-detect. No qualification is necessary.

24I0233

The TB (TB_09052024) exhibited detections of acrylonitrile (2.70 ug/l) and acetone (2.09 ug/l). The associated results are either non-detect or >10X the contamination. No qualification is necessary.

24I0367

The MS and/or MSD performed on sample PE24_15_20240906 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes (recoveries = 0 - 138%, RPDs = 33.2 - 110%). Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24I0428

The TB (TB_09092024) exhibited detections of acrylonitrile (2.61 ug/l) and acetone (2.16 ug/l). The associated results are either non-detect or >10X the contamination. No qualification is necessary.

24I1064

The TB (TB_09172024) exhibited a detection of acrylonitrile (2.71 ug/l). The associated results are non-detect. No qualification is necessary.

The MS and/or MSD performed on sample PE51_20 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes (recoveries = 24.9 - 67.5%, RPDs = 30.3%). Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24I1448

The FB (FB_09242024) exhibited detections of chloroform (17.4 ug/l) and bromodichloromethane (1.16 ug/l). The associated results are non-detect. No qualification is necessary.

The MS and/or MSD performed on sample PE35_20.5 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

SVOCs by SW-846 Method 8270E/8270D SIM

24H1241

The LCS for batch BH41490 exhibited percent recoveries above the UCL for 4-bromophenyl phenyl ether (121%), 2,4-dinitrotoluene (142%), atrazine (118%), 4,6-dinitro-2-methylphenol (178%), 2,3,4,6-tetrachlorophenol (135%), 4-chloro-3-methylphenol (133%), 2,6-dinitrotoluene (135%), di-n-butyl phthalate (119%), 2,4,6-trichlorophenol (126%), 2-nitroaniline (133%), 2-

nitrophenol (139%), biphenyl (diphenyl or 1,1'-biphenyl) (112%), and 2,4,5-trichlorophenol (125%). The associated results are non-detect. No qualification is necessary.

The sample PE12_15 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol (129%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

The sample PE19_15 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol (133%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

24H1562

The sample PE38_16 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol (121%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

24H1664

The LCS for batch BH41627 exhibited a percent recovery above the UCL for pentachlorophenol (2.88%). The associated results are non-detect. No qualification is necessary.

24H2102

The MS and/or MSD performed on sample PE07_16 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24I0233

The LCS for batch BI40457 exhibited percent recoveries above the UCL for atrazine (113%), benzo(g,h,i)perylene (150%), indeno(1,2,3-c,d)pyrene (166%), 4,6-dinitro-2-methylphenol (143%), dibenz(a,h)anthracene (184%), and 2,4,5-trichlorophenol (123%). The associated results are non-detect. No qualification is necessary.

24I0367

The MS and/or MSD performed on sample BI40631 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes (Recoveries = 0 - 9.49%, RPDs = 30.7 - 98.3%). Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24I0618

The sample PE50_21.5 exhibited a percent recovery below the LCL for the surrogate phenol-D6 (2.52%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

24I1064

The MS and/or MSD performed on sample PE51_20 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes (Recoveries = 0 - 68.1%, RPDs = 30.7 - 89.6%). Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24I1448

The MS and/or MSD performed on sample PE35_20.5 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

The LCS for batch BI41656 exhibited percent recoveries above the UCL for atrazine (115%), 3,3'-dichlorobenzidine (198%), and biphenyl (diphenyl or 1,1'-biphenyl) (115%). The associated results are non-detect. No qualification is necessary.

PFAS by USEPA Method 1633 Draft 3

24H0729

The MB for batch BH41144 exhibited a detection of 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) (0.491 ug/kg). The associated results are non-detect. No qualification is necessary.

The LCS for batch BH41144 exhibited a percent recovery above the UCL for 3-perfluoropropyl propanoic acid (3:3 FTCA) (178%). The associated results are non-detect. No qualification is necessary.

24H1241

The LCS for batch BH41437 exhibited a percent recovery above the UCL for 3-perfluoropropyl propanoic acid (3:3 FTCA) (164%). The associated results are non-detect. No qualification is necessary.

The LCS for batch BH41553 exhibited a percent recovery above the UCL for 4,8-dioxa-3H-perfluorononanoic acid (ADONA) (233%, 183%). The associated results are non-detect. No qualification is necessary.

24H1317

The MB for batch BH41437 exhibited a detection of 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) (0.493 ug/kg). The associated results are non-detect. No qualification is necessary.

The LCS for batch BH41437 exhibited a percent recovery above the UCL for 3-perfluoropropyl propanoic acid (3:3 FTCA) (164%). The associated results are non-detect. No qualification is necessary.

24H2102

The MS and/or MSD performed on sample PE07_16 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24I0367

The mid- and low-level LCS for batch BI40565 exhibited percent recoveries above the UCL for 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS) (156%, 152%) and 4,8-dioxa-3H-perfluorononanoic acid (ADONA) (157%). The associated results are non-detect. No qualification is necessary.

24I0618

The mid- and low-level LCS for batch BI41014 exhibited percent recoveries above the UCL for 3-Perfluoroheptyl propanoic acid (7:3FTCA) (186%), Perfluoro-4-methoxybutanoic acid (PFMBA) (205%, 316%), and 2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA) (173%). The associated results are non-detect. No qualification is necessary.

24I1064

The MS/MSD performed on sample PE51_20 exhibited a RPD above the control limit for perfluoro-3-methoxypropanoic acid (PFMPA) (33.4%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

24I1448

The FB (EB_09242024) exhibited a detection of perfluorobutanoic acid (2.93 ng/l). The associated results are non-detect. No qualification is necessary.

The FB (FB_09242024) exhibited a detection of perfluorobutanoic acid (0.387 ng/l). The associated results are non-detect. No qualification is necessary.

The MS and/or MSD performed on sample PE35_20.5 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

The LCS for batch BI41791 exhibited a percent recovery above the UCL for Perfluoro-4-methoxybutanoic acid (PFMBA) (200%). The associated results are non-detect. No qualification is necessary.

Herbicides by SW-846 Method 8151A

24H0169

The LCS for batch BH40192 exhibited percent recoveries above the UCL for (2,4,5-trichlorophenoxy)-acetic acid (122%) and 2,4-D (dichlorophenoxyacetic acid) (119%). The associated results are non-detect. No qualification is necessary.

24H1317

The LCS for batch BH41358 exhibited a percent recovery above the UCL for 2,4-D (132%). The associated results are non-detect. No qualification is necessary.

24H2102

The MS and/or MSD performed on sample PE07_16 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24I0233

The LCS for batch BI40322 exhibited percent recoveries above the UCL for 2,4,5-TP (139%), (2,4,5-trichlorophenoxy)-acetic acid (122%), and 2,4-D (126%). The associated results are non-detect. No qualification is necessary.

24I0367

The MS/MSD performed on sample PE24_15_20240906 exhibited a percent recovery below the LCL for 2,4-D (150%, 160%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

24I1064

The MS/MSD performed on sample PE51_20 exhibited RPDs above the control limit for silvex (2,4,5-TP) (38.2%) and (2,4,5-trichlorophenoxy)-acetic acid (52.9%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

24I1448

The MS and/or MSD performed on sample PE35_20.5 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

PCBs by SW-846 Method 8082A

24I0367

The MS/MSD performed on sample PE24_15_20240906 exhibited a percent recovery below the LCL for Aroclor 1016 (23.3%, 38%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

24I0618

The sample PE42_21.5 exhibited a percent recovery above the UCL for the surrogate 2,4,5,6-tetrachloro-meta-xylene (1C) (132%). The associated results are non-detect. No qualification is necessary.

The sample PE50_21.5 exhibited a percent recovery above the UCL for the surrogate 2,4,5,6-tetrachloro-meta-xylene (1C) (132%). The associated results are non-detect. No qualification is necessary.

24I1448

The MS and/or MSD performed on sample PE35_20.5 exhibited percent recoveries and/or RPDs outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

Pesticides by SW-846 Method 8081B

24H0729

The sample PE02_15 exhibited a percent recovery above the UCL for the surrogate decachlorobiphenyl (238%). The associated results are non-detect. No qualification is necessary.

24I0618

The MS and/or MSD performed on sample PE41_21.5 exhibited percent recoveries and/or RPDs outside of control limits for alpha BHC (MS = 240%, RPD = 69.8%). Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24I1064

The MS/MSD performed on sample PE51_20 exhibited a percent recovery and a RPD above the control limit alpha BHC (recoveries = 301%, 522%; RPD = 53.7%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

Metals by SW-846 Method 6010D/7473

24H0729

The MS performed on sample PE09_15 exhibited percent recoveries below the LCL for aluminum (-47%), iron (-650%), potassium (74.9%), and calcium (288%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The post-digestion spike performed on sample PE09_15 exhibited percent recoveries below the LCL for aluminum (34.3%), iron (-63.6%), and calcium (66.8%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

24H1664

The MS performed on sample PE5_15 exhibited percent recoveries outside of control limits for aluminum (226%), iron (-379%), magnesium (238%), and potassium (67.9%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The MS performed on sample PE5_15 exhibited a percent recovery above the UCL for sodium (327%). The associated results are non-detect. No qualification is necessary.

24H1973

The MB for batch BH41988 exhibited a detection of potassium (29.1 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

24H2102

The FB (FB_08292024) exhibited a detection of selenium (0.00131 mg/l). The associated results are non-detect. No qualification is necessary.

The MS performed on sample PE07_16 exhibited percent recoveries outside of control limits for aluminum (147%), iron (-577%), magnesium (131%), and calcium (63.4%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

24I0233

The MB for batch BI40566 exhibited a detection of potassium (23.8 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

24I0367

The MB for batch BI40670 exhibited detections of potassium (5.18 mg/kg) and calcium (10.8 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

The MS performed on sample PE24_15_20240906 exhibited percent recoveries above the UCL for aluminum (43.6%), iron (3470%), magnesium (133%), potassium (136%), sodium (-19.9%), copper (-707%), zinc (1040%), and calcium (909%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

24I0618

The MB for batch BI40891 exhibited a detection of potassium (4.87 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

24I1064

The MS performed on sample PE51_20 exhibited percent recoveries below the LCL for aluminum (-25.6%) and iron (-326%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The MS performed on sample PE51_20 exhibited a percent recovery above the UCL for magnesium (391%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

24I1448

The MB for batch BI41627 exhibited detections of potassium (29.5 mg/kg) and calcium (9.68 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

The MS performed on sample PE35_20.5 exhibited percent recoveries below the LCL for aluminum (-208%), iron (-362%), magnesium (-239%), and calcium (-38.3%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

Cyanide by SW-846 Method 9014/9010C

24I0367

The MS/MSD performed on sample PE24_15_20240906 exhibited a percent recovery above the UCL for cyanide (122%, 122%). The associated results are non-detect. No qualification is necessary.

FIELD DUPLICATES:

Three field duplicate and parent sample pairs were collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±2X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 50% for soil. The following field duplicate and parent sample pair was compared to the precision criteria:

- DUP-1_08222024 and PE39_16
- DUP_09062024 and PE24_15_20240906
- DUP_09242024 and PE35_20.5

The field duplicate and parent sample (PE39_16 and DUP-1_08222024) exhibited a RPD above the control limit for lead (193.2%). The associated results are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (PE39_16 and DUP-1_08222024) exhibited an absolute difference above the RL for sodium (163 mg/kg). The associated results are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (DUP_09062024 and PE24_15_20240906) exhibited RPDs above the control limit for calcium (86.2%), cobalt (57.2%), and copper (108.3%). The associated results are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (DUP_09062024 and PE24_15_20240906) exhibited absolute differences above the RL for benzo(a)pyrene (0.1986 mg/kg) and pyrene (0.2048 mg/kg). The associated results are qualified as J because of potential indeterminate bias.The field duplicate and parent sample (DUP_09242024 and PE35_20.5) exhibited an absolute difference

above the RL for mercury (0.2001mg/kg). The associated results are qualified as J or UJ because of potential indeterminate bias.

The field duplicate and parent sample (DUP_09242024 and PE35_20.5) exhibited a RPD above the control limit for zinc (62.3%). The associated results are qualified as J because of potential indeterminate bias.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

Joe Conboy
Project Chemist

Data Usability Summary Report
For 12096 Flatlands Avenue Site
August and September 2024 Soil Samples
Table 1: Sample Summary

		Analytical Parameters		VOCs	SVOCs		PFAS	Herbicides
SDG	Lab Sample ID	Client ID	Sample Date	SW8260	SW8270	SW8270DSIM	E1633	SW8151
24H1973	24H1973-01	PE08_16	8/28/2024	x	x	x	x	x
24H1973	24H1973-02	TB_08282024	8/28/2024	x				
24I0063	24I0063-01	PE03_15	9/3/2024	x	x	x	x	x
24I0063	24I0063-02	TB_09032024	9/3/2024	x				
24H0169	24H0169-01	PE25_15	8/2/2024	x	x	x	x	x
24H0169	24H0169-02	PE26_15	8/2/2024	x	x	x	x	x
24H0169	24H0169-03	TB_080220254	8/2/2024	x				
24H1664	24H1664-02	PE4_15	8/23/2024	x	x	x	x	x
24H1664	24H1664-03	PE5_15	8/23/2024	x	x	x	x	x
24H1664	24H1664-01	TB-08232024	8/23/2024	x				
24H1562	24H1562-03	PE21_15	8/22/2024	x	x	x	x	x
24H1562	24H1562-04	PE29_15	8/22/2024	x	x	x	x	x
24H1562	24H1562-05	PE38_16	8/22/2024	x	x	x	x	x
24H1562	24H1562-06	PE39_16	8/22/2024	x	x	x	x	x
24H1562	24H1562-02	TB_08222024	8/22/2024	x				
24H1241	24H1241-01	PE12_15	8/19/2024	x	x	x	x	x
24H1241	24H1241-02	PE19_15	8/19/2024	x	x	x	x	x
24H1241	24H1241-03	PE20_15	8/19/2024	x	x	x	x	x
24H1241	24H1241-04	PE27_15	8/19/2024	x	x	x	x	x
24H1241	24H1241-05	PE28_15	8/19/2024	x	x	x	x	x
24H1241	24H1241-06	TB_08192024	8/19/2024	x				
24H0729	24H0729-01	PE01_15	8/12/2024	x	x	x	x	x
24H0729	24H0729-02	PE02_15	8/12/2024	x	x	x	x	x
24H0729	24H0729-03	PE09_15	8/12/2024	x	x	x	x	x
24H0729	24H0729-04	PE10_15	8/12/2024	x	x	x	x	x
24H0729	24H0729-05	PE17_15	8/12/2024	x	x	x	x	x
24H0729	24H0729-06	PE18_15	8/12/2024	x	x	x	x	x
24H0729	24H0729-07	TB_08122024	8/12/2024	x				
24H2102	24H2102-02	FB_08292024	8/29/2024	x	x	x	x	x
24H2102	24H2102-01	PE07_16	8/29/2024	x	x	x	x	x

Data Usability Summary Report
For 12096 Flatlands Avenue Site
August and September 2024 Soil Samples
Table 1: Sample Summary

24H2102	24H2102-04	TB_08292024	8/28/2024	x				
24H1317	24H1317-04	PE11_15	8/20/2024	x	x	x	x	x
24H1317	24H1317-01	PE13_15	8/20/2024	x	x	x	x	x
24H1317	24H1317-02	PE14_15	8/20/2024	x	x	x	x	x
24H1317	24H1317-03	PE15_16	8/20/2024	x	x	x	x	x
24H1317	24H1317-05	PE22_16	8/20/2024	x	x	x	x	x
24H1317	24H1317-06	PE23_16	8/20/2024	x	x	x	x	x
24H1317	24H1317-07	PE30_16	8/20/2024	x	x	x	x	x
24H1317	24H1317-08	PE31_16	8/20/2024	x	x	x	x	x
24H1317	24H1317-09	TB_08202024	8/20/2024	x				
24I0233	24I0233-05	PE16_15	9/5/2024	x	x	x	x	x
24I0233	24I0233-04	PE32_15	9/5/2024	x	x	x	x	x
24I0233	24I0233-01	PE33_15	9/5/2024	x	x	x	x	x
24I0233	24I0233-02	PE34_15	9/5/2024	x	x	x	x	x
24I0233	24I0233-03	PE40_15	9/5/2024	x	x	x	x	x
24I0233	24I0233-06	TB_09052024	9/5/2024	x				
24I0428	24I0428-01	PE06_15	9/9/2024	x	x	x	x	x
24I0428	24I0428-03	TB_09092024	9/9/2024	x				
24I1448	24I1448-06	DUP_09242024	9/24/2024	x	x	x	x	x
24I1448	24I1448-08	FB_09242024	9/24/2024	x	x	x	x	x
24I1448	24I1448-01	PE35_20.5	9/24/2024	x	x	x	x	x
24I1448	24I1448-02	PE36_20	9/24/2024	x	x	x	x	x
24I1448	24I1448-03	PE43_21	9/24/2024	x	x	x	x	x
24I1448	24I1448-04	PE52_19.5	9/24/2024	x	x	x	x	x
24I1448	24I1448-05	PE60_19.5	9/24/2024	x	x	x	x	x
24I1448	24I1448-09	TB_09242024	9/24/2024	x				
24I1064	24I1064-01	PE51_20	9/17/2024	x	x	x	x	x
24I1064	24I1064-03	TB_09172024	9/17/2024	x				
24I0367	24I0367-02	DUP_09062024	9/6/2024	x	x	x	x	x
24I0367	24I0367-01	PE24_15_20240906	9/6/2024	x	x	x	x	x
24I0367	24I0367-04	TB_09062024	9/5/2024	x				
24I0618	24I0618-01	PE41_21.5	9/11/2024	x	x	x	x	x
24I0618	24I0618-02	PE42_21.5	9/11/2024	x	x	x	x	x

Data Usability Summary Report
For 12096 Flatlands Avenue Site
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Table 1: Sample Summary

24I0618	24I0618-03	PE49_22	9/11/2024	x	x	x	x	x
24I0618	24I0618-04	PE50_21.5	9/11/2024	x	x	x	x	x
24I0618	24I0618-05	PE57_22	9/11/2024	x	x	x	x	x
24I0618	24I0618-06	PE58_21.5	9/11/2024	x	x	x	x	x
24I0618	24I0618-07	PE59_20	9/11/2024	x	x	x	x	x
24I0618	24I0618-09	TB_09112024	9/11/2024	x				

Data Usability Summary Report
For 12096 Flatlands Avenue Site
August and September 2024 Soil Samples
Table 1: Sample Summary

		Analytical Parameters		PCBs	Pesticides	Metals			
SDG	Lab Sample ID	Client ID	Sample Date	SW8082	SW8081	SW6010	SW6020	SW7473	SW7470
24H1973	24H1973-01	PE08_16	8/28/2024	x	x	x		x	
24H1973	24H1973-02	TB_08282024	8/28/2024						
24I0063	24I0063-01	PE03_15	9/3/2024	x	x	x		x	
24I0063	24I0063-02	TB_09032024	9/3/2024						
24H0169	24H0169-01	PE25_15	8/2/2024	x	x	x		x	
24H0169	24H0169-02	PE26_15	8/2/2024	x	x	x		x	
24H0169	24H0169-03	TB_080220254	8/2/2024						
24H1664	24H1664-02	PE4_15	8/23/2024	x	x	x		x	
24H1664	24H1664-03	PE5_15	8/23/2024	x	x	x		x	
24H1664	24H1664-01	TB-08232024	8/23/2024						
24H1562	24H1562-03	PE21_15	8/22/2024	x	x	x		x	
24H1562	24H1562-04	PE29_15	8/22/2024	x	x	x		x	
24H1562	24H1562-05	PE38_16	8/22/2024	x	x	x		x	
24H1562	24H1562-06	PE39_16	8/22/2024	x	x	x		x	
24H1562	24H1562-02	TB_08222024	8/22/2024						
24H1241	24H1241-01	PE12_15	8/19/2024	x	x	x		x	
24H1241	24H1241-02	PE19_15	8/19/2024	x	x	x		x	
24H1241	24H1241-03	PE20_15	8/19/2024	x	x	x		x	
24H1241	24H1241-04	PE27_15	8/19/2024	x	x	x		x	
24H1241	24H1241-05	PE28_15	8/19/2024	x	x	x		x	
24H1241	24H1241-06	TB_08192024	8/19/2024						
24H0729	24H0729-01	PE01_15	8/12/2024	x	x	x		x	
24H0729	24H0729-02	PE02_15	8/12/2024	x	x	x		x	
24H0729	24H0729-03	PE09_15	8/12/2024	x	x	x		x	
24H0729	24H0729-04	PE10_15	8/12/2024	x	x	x		x	
24H0729	24H0729-05	PE17_15	8/12/2024	x	x	x		x	
24H0729	24H0729-06	PE18_15	8/12/2024	x	x	x		x	
24H0729	24H0729-07	TB_08122024	8/12/2024						
24H2102	24H2102-02	FB_08292024	8/29/2024	x	x	x	x		x
24H2102	24H2102-01	PE07_16	8/29/2024	x	x	x		x	

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Table 1: Sample Summary

24H2102	24H2102-04	TB_08292024	8/28/2024						
24H1317	24H1317-04	PE11_15	8/20/2024	x	x	x		x	
24H1317	24H1317-01	PE13_15	8/20/2024	x	x	x		x	
24H1317	24H1317-02	PE14_15	8/20/2024	x	x	x		x	
24H1317	24H1317-03	PE15_16	8/20/2024	x	x	x		x	
24H1317	24H1317-05	PE22_16	8/20/2024	x	x	x		x	
24H1317	24H1317-06	PE23_16	8/20/2024	x	x	x		x	
24H1317	24H1317-07	PE30_16	8/20/2024	x	x	x		x	
24H1317	24H1317-08	PE31_16	8/20/2024	x	x	x		x	
24H1317	24H1317-09	TB_08202024	8/20/2024						
24I0233	24I0233-05	PE16_15	9/5/2024	x	x	x		x	
24I0233	24I0233-04	PE32_15	9/5/2024	x	x	x		x	
24I0233	24I0233-01	PE33_15	9/5/2024	x	x	x		x	
24I0233	24I0233-02	PE34_15	9/5/2024	x	x	x		x	
24I0233	24I0233-03	PE40_15	9/5/2024	x	x	x		x	
24I0233	24I0233-06	TB_09052024	9/5/2024						
24I0428	24I0428-01	PE06_15	9/9/2024	x	x	x		x	
24I0428	24I0428-03	TB_09092024	9/9/2024						
24I1448	24I1448-06	DUP_09242024	9/24/2024	x	x	x		x	
24I1448	24I1448-08	FB_09242024	9/24/2024	x	x	x	x		x
24I1448	24I1448-01	PE35_20.5	9/24/2024	x	x	x		x	
24I1448	24I1448-02	PE36_20	9/24/2024	x	x	x		x	
24I1448	24I1448-03	PE43_21	9/24/2024	x	x	x		x	
24I1448	24I1448-04	PE52_19.5	9/24/2024	x	x	x		x	
24I1448	24I1448-05	PE60_19.5	9/24/2024	x	x	x		x	
24I1448	24I1448-09	TB_09242024	9/24/2024						
24I1064	24I1064-01	PE51_20	9/17/2024	x	x	x		x	
24I1064	24I1064-03	TB_09172024	9/17/2024						
24I0367	24I0367-02	DUP_09062024	9/6/2024	x	x	x		x	
24I0367	24I0367-01	PE24_15_20240906	9/6/2024	x	x	x		x	
24I0367	24I0367-04	TB_09062024	9/5/2024						
24I0618	24I0618-01	PE41_21.5	9/11/2024	x	x	x		x	
24I0618	24I0618-02	PE42_21.5	9/11/2024	x	x	x		x	

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Table 1: Sample Summary

24I0618	24I0618-03	PE49_22	9/11/2024	x	x	x		x	
24I0618	24I0618-04	PE50_21.5	9/11/2024	x	x	x		x	
24I0618	24I0618-05	PE57_22	9/11/2024	x	x	x		x	
24I0618	24I0618-06	PE58_21.5	9/11/2024	x	x	x		x	
24I0618	24I0618-07	PE59_20	9/11/2024	x	x	x		x	
24I0618	24I0618-09	TB_09112024	9/11/2024						

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Table 1: Sample Summary

			Analytical Parameters	Cyanide	Hexavalent Chromium	Trivalent Chromium
SDG	Lab Sample ID	Client ID	Sample Date	SM4500	SW7196	CALC
24H1973	24H1973-01	PE08_16	8/28/2024	x	x	x
24H1973	24H1973-02	TB_08282024	8/28/2024			
24I0063	24I0063-01	PE03_15	9/3/2024	x	x	x
24I0063	24I0063-02	TB_09032024	9/3/2024			
24H0169	24H0169-01	PE25_15	8/2/2024	x	x	x
24H0169	24H0169-02	PE26_15	8/2/2024	x	x	x
24H0169	24H0169-03	TB_080220254	8/2/2024			
24H1664	24H1664-02	PE4_15	8/23/2024	x	x	x
24H1664	24H1664-03	PE5_15	8/23/2024	x	x	x
24H1664	24H1664-01	TB-08232024	8/23/2024			
24H1562	24H1562-03	PE21_15	8/22/2024	x	x	x
24H1562	24H1562-04	PE29_15	8/22/2024	x	x	x
24H1562	24H1562-05	PE38_16	8/22/2024	x	x	x
24H1562	24H1562-06	PE39_16	8/22/2024	x	x	x
24H1562	24H1562-02	TB_08222024	8/22/2024			
24H1241	24H1241-01	PE12_15	8/19/2024	x	x	x
24H1241	24H1241-02	PE19_15	8/19/2024	x	x	x
24H1241	24H1241-03	PE20_15	8/19/2024	x	x	x
24H1241	24H1241-04	PE27_15	8/19/2024	x	x	x
24H1241	24H1241-05	PE28_15	8/19/2024	x	x	x
24H1241	24H1241-06	TB_08192024	8/19/2024			
24H0729	24H0729-01	PE01_15	8/12/2024	x	x	x
24H0729	24H0729-02	PE02_15	8/12/2024	x	x	x
24H0729	24H0729-03	PE09_15	8/12/2024	x	x	x
24H0729	24H0729-04	PE10_15	8/12/2024	x	x	x
24H0729	24H0729-05	PE17_15	8/12/2024	x	x	x
24H0729	24H0729-06	PE18_15	8/12/2024	x	x	x
24H0729	24H0729-07	TB_08122024	8/12/2024			
24H2102	24H2102-02	FB_08292024	8/29/2024	x	x	x
24H2102	24H2102-01	PE07_16	8/29/2024	x	x	x

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Table 1: Sample Summary

24H2102	24H2102-04	TB_08292024	8/28/2024			
24H1317	24H1317-04	PE11_15	8/20/2024	x	x	x
24H1317	24H1317-01	PE13_15	8/20/2024	x	x	x
24H1317	24H1317-02	PE14_15	8/20/2024	x	x	x
24H1317	24H1317-03	PE15_16	8/20/2024	x	x	x
24H1317	24H1317-05	PE22_16	8/20/2024	x	x	x
24H1317	24H1317-06	PE23_16	8/20/2024	x	x	x
24H1317	24H1317-07	PE30_16	8/20/2024	x	x	x
24H1317	24H1317-08	PE31_16	8/20/2024	x	x	x
24H1317	24H1317-09	TB_08202024	8/20/2024			
24I0233	24I0233-05	PE16_15	9/5/2024	x	x	x
24I0233	24I0233-04	PE32_15	9/5/2024	x	x	x
24I0233	24I0233-01	PE33_15	9/5/2024	x	x	x
24I0233	24I0233-02	PE34_15	9/5/2024	x	x	x
24I0233	24I0233-03	PE40_15	9/5/2024	x	x	x
24I0233	24I0233-06	TB_09052024	9/5/2024			
24I0428	24I0428-01	PE06_15	9/9/2024	x	x	x
24I0428	24I0428-03	TB_09092024	9/9/2024			
24I1448	24I1448-06	DUP_09242024	9/24/2024	x	x	x
24I1448	24I1448-08	FB_09242024	9/24/2024	x	x	x
24I1448	24I1448-01	PE35_20.5	9/24/2024	x	x	x
24I1448	24I1448-02	PE36_20	9/24/2024	x	x	x
24I1448	24I1448-03	PE43_21	9/24/2024	x	x	x
24I1448	24I1448-04	PE52_19.5	9/24/2024	x	x	x
24I1448	24I1448-05	PE60_19.5	9/24/2024	x	x	x
24I1448	24I1448-09	TB_09242024	9/24/2024			
24I1064	24I1064-01	PE51_20	9/17/2024	x	x	x
24I1064	24I1064-03	TB_09172024	9/17/2024			
24I0367	24I0367-02	DUP_09062024	9/6/2024	x	x	x
24I0367	24I0367-01	PE24_15_20240906	9/6/2024	x	x	x
24I0367	24I0367-04	TB_09062024	9/5/2024			
24I0618	24I0618-01	PE41_21.5	9/11/2024	x	x	x
24I0618	24I0618-02	PE42_21.5	9/11/2024	x	x	x

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Table 1: Sample Summary

24I0618	24I0618-03	PE49_22	9/11/2024	x	x	x
24I0618	24I0618-04	PE50_21.5	9/11/2024	x	x	x
24I0618	24I0618-05	PE57_22	9/11/2024	x	x	x
24I0618	24I0618-06	PE58_21.5	9/11/2024	x	x	x
24I0618	24I0618-07	PE59_20	9/11/2024	x	x	x
24I0618	24I0618-09	TB_09112024	9/11/2024			

Data Usability Summary Report
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August and September 2024 Soil Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
S4H3022	PE08_16	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
S4H3022	PE08_16	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H3022	PE08_16	SW6010	7440-23-5	NA	Sodium	J
S4H3022	PE08_16	SW7196	18540-29-9	NA	Chromium, Hexavalent	UJ
S4H3022	PE08_16	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
S4H3022	PE08_16	SW8270	534-52-1	NA	4,6-Dinitro-2-Methylphenol	UJ
S4H3022	PE08_16	SW8270	65-85-0	NA	Benzoic Acid	UJ
S4H3022	PE08_16	SW8270	77-47-4	NA	Hexachlorocyclopentadiene	UJ
BI40117	PE03_15	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
BI40117	PE03_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
BI40117	PE03_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BI40117	PE03_15	SW8260	100-41-4	NA	Ethylbenzene	UJ
BI40117	PE03_15	SW8260	100-42-5	NA	Styrene	UJ
BI40117	PE03_15	SW8260	10061-01-5	NA	Cis-1,3-Dichloropropene	UJ
BI40117	PE03_15	SW8260	10061-02-6	NA	Trans-1,3-Dichloropropene	UJ
BI40117	PE03_15	SW8260	103-65-1	NA	N-Propylbenzene	UJ
BI40117	PE03_15	SW8260	104-51-8	NA	N-Butylbenzene	UJ
BI40117	PE03_15	SW8260	106-43-4	NA	4-Chlorotoluene	UJ
BI40117	PE03_15	SW8260	106-46-7	NA	1,4-Dichlorobenzene	UJ
BI40117	PE03_15	SW8260	106-93-4	NA	1,2-Dibromoethane (Ethylene Dibromide)	UJ
BI40117	PE03_15	SW8260	107-02-8	NA	Acrolein	UJ
BI40117	PE03_15	SW8260	107-06-2	NA	1,2-Dichloroethane	UJ
BI40117	PE03_15	SW8260	107-13-1	NA	Acrylonitrile	UJ
BI40117	PE03_15	SW8260	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UJ
BI40117	PE03_15	SW8260	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	UJ
BI40117	PE03_15	SW8260	108-86-1	NA	Bromobenzene	UJ
BI40117	PE03_15	SW8260	108-87-2	NA	Methylcyclohexane	UJ
BI40117	PE03_15	SW8260	108-88-3	NA	Toluene	UJ
BI40117	PE03_15	SW8260	108-90-7	NA	Chlorobenzene	UJ
BI40117	PE03_15	SW8260	110-82-7	NA	Cyclohexane	UJ
BI40117	PE03_15	SW8260	120-82-1	NA	1,2,4-Trichlorobenzene	UJ
BI40117	PE03_15	SW8260	123-91-1	NA	1,4-Dioxane (P-Dioxane)	UJ
BI40117	PE03_15	SW8260	124-48-1	NA	Dibromochloromethane	UJ
BI40117	PE03_15	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
BI40117	PE03_15	SW8260	1330-20-7	NA	Xylenes	UJ
BI40117	PE03_15	SW8260	135-98-8	NA	Sec-Butylbenzene	UJ
BI40117	PE03_15	SW8260	142-28-9	NA	1,3-Dichloropropane	UJ
BI40117	PE03_15	SW8260	156-59-2	NA	Cis-1,2-Dichloroethylene	UJ
BI40117	PE03_15	SW8260	156-60-5	NA	Trans-1,2-Dichloroethene	UJ
BI40117	PE03_15	SW8260	1634-04-4	NA	Tert-Butyl Methyl Ether	UJ
BI40117	PE03_15	SW8260	179601-23-1	NA	m,p-Xylene	UJ
BI40117	PE03_15	SW8260	541-73-1	NA	1,3-Dichlorobenzene	UJ
BI40117	PE03_15	SW8260	56-23-5	NA	Carbon Tetrachloride	UJ
BI40117	PE03_15	SW8260	563-58-6	NA	1,1-Dichloropropene	UJ
BI40117	PE03_15	SW8260	591-78-6	NA	2-Hexanone	UJ
BI40117	PE03_15	SW8260	594-20-7	NA	2,2-Dichloropropane	UJ
BI40117	PE03_15	SW8260	630-20-6	NA	1,1,1,2-Tetrachloroethane	UJ
BI40117	PE03_15	SW8260	67-66-3	NA	Chloroform	UJ
BI40117	PE03_15	SW8260	71-43-2	NA	Benzene	UJ
BI40117	PE03_15	SW8260	71-55-6	NA	1,1,1-Trichloroethane (TCA)	UJ
BI40117	PE03_15	SW8260	74-83-9	NA	Bromomethane	UJ
BI40117	PE03_15	SW8260	74-87-3	NA	Chloromethane (Methyl Chloride)	UJ
BI40117	PE03_15	SW8260	74-95-3	NA	Dibromomethane	UJ
BI40117	PE03_15	SW8260	74-97-5	NA	Bromochloromethane	UJ
BI40117	PE03_15	SW8260	75-00-3	NA	Chloroethane	UJ
BI40117	PE03_15	SW8260	75-01-4	NA	Vinyl Chloride	UJ

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Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
BI40117	PE03_15	SW8260	75-09-2	NA	Methylene Chloride	UJ
BI40117	PE03_15	SW8260	75-15-0	NA	Carbon Disulfide	UJ
BI40117	PE03_15	SW8260	75-25-2	NA	Bromoform	UJ
BI40117	PE03_15	SW8260	75-27-4	NA	Bromodichloromethane	UJ
BI40117	PE03_15	SW8260	75-34-3	NA	1,1-Dichloroethane	UJ
BI40117	PE03_15	SW8260	75-35-4	NA	1,1-Dichloroethene	UJ
BI40117	PE03_15	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
BI40117	PE03_15	SW8260	75-69-4	NA	Trichlorofluoromethane	UJ
BI40117	PE03_15	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
BI40117	PE03_15	SW8260	76-13-1	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	UJ
BI40117	PE03_15	SW8260	78-87-5	NA	1,2-Dichloropropane	UJ
BI40117	PE03_15	SW8260	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	UJ
BI40117	PE03_15	SW8260	79-00-5	NA	1,1,2-Trichloroethane	UJ
BI40117	PE03_15	SW8260	79-01-6	NA	Trichloroethylene (TCE)	UJ
BI40117	PE03_15	SW8260	79-20-9	NA	Methyl Acetate	UJ
BI40117	PE03_15	SW8260	79-34-5	NA	1,1,2,2-Tetrachloroethane	UJ
BI40117	PE03_15	SW8260	87-61-6	NA	1,2,3-Trichlorobenzene	UJ
BI40117	PE03_15	SW8260	87-68-3	NA	Hexachlorobutadiene	UJ
BI40117	PE03_15	SW8260	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	UJ
BI40117	PE03_15	SW8260	95-49-8	NA	2-Chlorotoluene	UJ
BI40117	PE03_15	SW8260	95-50-1	NA	1,2-Dichlorobenzene	UJ
BI40117	PE03_15	SW8260	95-63-6	NA	1,2,4-Trimethylbenzene	UJ
BI40117	PE03_15	SW8260	96-12-8	NA	1,2-Dibromo-3-Chloropropane	UJ
BI40117	PE03_15	SW8260	96-18-4	NA	1,2,3-Trichloropropane	UJ
BI40117	PE03_15	SW8260	98-06-6	NA	T-Butylbenzene	UJ
BI40117	PE03_15	SW8260	98-82-8	NA	Isopropylbenzene (Cumene)	UJ
BI40117	PE03_15	SW8260	CYMP	NA	P-Cymene (P-Isopropyltoluene)	UJ
BI40117	PE03_15	SW8260	67-64-1	NA	Acetone	J
S4H0645	PE25_15	E1633	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	J
S4H0645	PE25_15	E1633	2355-31-9	NA	ethyl perfluorooctanesulfonamidoacetic acid (NMeFC	UJ
S4H0645	PE25_15	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ
S4H0645	PE25_15	E1633	31506-32-8	NA	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
S4H0645	PE25_15	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
S4H0645	PE25_15	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
S4H0645	PE25_15	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
S4H0645	PE25_15	E1633	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	UJ
S4H0645	PE25_15	E1633	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	UJ
S4H0645	PE25_15	E1633	756426-58-1	NA	ohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-P	UJ
S4H0645	PE25_15	E1633	763051-92-9	NA	eicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H0645	PE25_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H0645	PE25_15	SW6010	7440-23-5	NA	Sodium	J
S4H0645	PE26_15	E1633	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	J
S4H0645	PE26_15	E1633	2355-31-9	NA	ethyl perfluorooctanesulfonamidoacetic acid (NMeFC	UJ
S4H0645	PE26_15	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ
S4H0645	PE26_15	E1633	31506-32-8	NA	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
S4H0645	PE26_15	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
S4H0645	PE26_15	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
S4H0645	PE26_15	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
S4H0645	PE26_15	E1633	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	UJ
S4H0645	PE26_15	E1633	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	UJ
S4H0645	PE26_15	E1633	756426-58-1	NA	ohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-P	UJ
S4H0645	PE26_15	E1633	763051-92-9	NA	eicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H0645	PE26_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H0645	PE26_15	SW6010	7440-23-5	NA	Sodium	J
S4H2639	PE4_15	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
S4H2639	PE4_15	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ

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Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
S4H2639	PE4_15	E1633	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	UJ
S4H2639	PE4_15	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4H2639	PE4_15	SW6010	7440-23-5	NA	Sodium	J
S4H2639	PE4_15	SW8260	123-91-1	NA	1,4-Dioxane (P-Dioxane)	UJ
S4H2639	PE4_15	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
S4H2639	PE5_15	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
S4H2639	PE5_15	E1633	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	UJ
S4H2639	PE5_15	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4H2639	PE5_15	SW6010	7439-92-1	NA	Lead	J
S4H2639	PE5_15	SW6010	7440-36-0	NA	Antimony	UJ
S4H2639	PE5_15	SW6010	7440-39-3	NA	Barium	J
S4H2639	PE5_15	SW6010	7440-48-4	NA	Cobalt	J
S4H2639	PE5_15	SW6010	7440-66-6	NA	Zinc	J
S4H2639	PE5_15	SW6010	7440-70-2	NA	Calcium	J
S4H2639	PE5_15	SW8260	123-91-1	NA	1,4-Dioxane (P-Dioxane)	UJ
S4H2639	PE5_15	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
S4H2322	DUP-1_08222024	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H2322	DUP-1_08222024	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2322	DUP-1_08222024	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4H2322	DUP-1_08222024	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
S4H2322	DUP-1_08222024	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4H2322	PE21_15	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
S4H2322	PE21_15	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4H2322	PE21_15	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H2322	PE21_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2322	PE29_15	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
S4H2322	PE29_15	E1633	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	UJ
S4H2322	PE29_15	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4H2322	PE29_15	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H2322	PE29_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2322	PE38_16	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
S4H2322	PE38_16	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4H2322	PE38_16	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H2322	PE38_16	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2322	PE39_16	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H2322	PE39_16	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2322	PE39_16	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4H2322	PE39_16	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
S4H2322	PE39_16	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4H2322	PE39_16	E1633	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	UJ
S4H2322	DUP-1_08222024	SW6010	7439-92-1	NA	Lead	J
S4H2322	DUP-1_08222024	SW6010	7440-23-5	NA	Sodium	J
S4H2322	PE21_15	SW6010	7440-23-5	NA	Sodium	J
S4H2322	PE29_15	SW6010	7440-23-5	NA	Sodium	J
S4H2322	PE38_16	SW6010	7440-23-5	NA	Sodium	J
S4H2322	PE39_16	SW6010	7439-92-1	NA	Lead	J
S4H2322	PE39_16	SW6010	7440-23-5	NA	Sodium	J
S4H2322	DUP-1_08222024	SW8260	107-02-8	NA	Acrolein	UJ
S4H2322	DUP-1_08222024	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H2322	PE21_15	SW8260	107-02-8	NA	Acrolein	UJ
S4H2322	PE21_15	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H2322	PE29_15	SW8260	107-02-8	NA	Acrolein	UJ
S4H2322	PE29_15	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H2322	PE38_16	SW8260	107-02-8	NA	Acrolein	UJ
S4H2322	PE38_16	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H2322	PE39_16	SW8260	107-02-8	NA	Acrolein	UJ

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SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
S4H2322	PE39_16	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H2133	PE12_15	E1633	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
S4H2133	PE12_15	E1633	31506-32-8	NA	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
S4H2133	PE12_15	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
S4H2133	PE12_15	E1633	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	UJ
S4H2133	PE12_15	E1633	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	UJ
S4H2133	PE12_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2133	PE12_15	E1633	763051-92-9	NA	peicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H2133	PE12_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2133	PE27_15	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H2133	PE12_15	SW6010	7440-41-7	NA	Beryllium	J
S4H2133	PE20_15	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
S4H2133	PE20_15	E1633	31506-32-8	NA	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
S4H2133	PE20_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2133	PE19_15	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4H2133	PE19_15	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
S4H2133	PE19_15	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H2133	PE19_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2133	PE19_15	E1633	763051-92-9	NA	peicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H2133	PE19_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2133	PE19_15	SW6010	7440-41-7	NA	Beryllium	J
S4H2133	PE19_15	SW8270DSIM	123-91-1	NA	1,4-Dioxane (P-Dioxane)	UJ
S4H2133	PE20_15	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
S4H2133	PE20_15	SW6010	7440-41-7	NA	Beryllium	J
S4H2133	PE27_15	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H2133	PE27_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2133	PE27_15	E1633	763051-92-9	NA	peicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	U (0.905)
S4H2133	PE27_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2133	PE27_15	SW6010	7440-41-7	NA	Beryllium	J
S4H2133	PE27_15	SW8260	100-41-4	NA	Ethylbenzene	UJ
S4H2133	PE27_15	SW8260	100-42-5	NA	Styrene	UJ
S4H2133	PE27_15	SW8260	10061-01-5	NA	Cis-1,3-Dichloropropene	UJ
S4H2133	PE27_15	SW8260	10061-02-6	NA	Trans-1,3-Dichloropropene	UJ
S4H2133	PE27_15	SW8260	103-65-1	NA	N-Propylbenzene	UJ
S4H2133	PE27_15	SW8260	104-51-8	NA	N-Butylbenzene	UJ
S4H2133	PE27_15	SW8260	106-46-7	NA	1,4-Dichlorobenzene	UJ
S4H2133	PE27_15	SW8260	106-93-4	NA	1,2-Dibromoethane (Ethylene Dibromide)	UJ
S4H2133	PE27_15	SW8260	107-02-8	NA	Acrolein	UJ
S4H2133	PE27_15	SW8260	107-06-2	NA	1,2-Dichloroethane	UJ
S4H2133	PE27_15	SW8260	107-13-1	NA	Acrylonitrile	UJ
S4H2133	PE27_15	SW8260	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UJ
S4H2133	PE27_15	SW8260	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	UJ
S4H2133	PE27_15	SW8260	108-87-2	NA	Methylcyclohexane	UJ
S4H2133	PE27_15	SW8260	108-88-3	NA	Toluene	UJ
S4H2133	PE27_15	SW8260	108-90-7	NA	Chlorobenzene	UJ
S4H2133	PE27_15	SW8260	110-57-6	NA	Trans-1,4-Dichloro-2-Butene	UJ
S4H2133	PE27_15	SW8260	110-82-7	NA	Cyclohexane	UJ
S4H2133	PE27_15	SW8260	120-82-1	NA	1,2,4-Trichlorobenzene	UJ
S4H2133	PE27_15	SW8260	123-91-1	NA	1,4-Dioxane (P-Dioxane)	UJ
S4H2133	PE27_15	SW8260	124-48-1	NA	Dibromochloromethane	UJ
S4H2133	PE27_15	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
S4H2133	PE27_15	SW8260	1330-20-7	NA	Xylenes	UJ
S4H2133	PE27_15	SW8260	135-98-8	NA	Sec-Butylbenzene	UJ
S4H2133	PE27_15	SW8260	156-59-2	NA	Cis-1,2-Dichloroethylene	UJ
S4H2133	PE27_15	SW8260	156-60-5	NA	Trans-1,2-Dichloroethene	UJ
S4H2133	PE27_15	SW8260	1634-04-4	NA	Tert-Butyl Methyl Ether	UJ

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SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
S4H2133	PE27_15	SW8260	179601-23-1	NA	m,p-Xylene	UJ
S4H2133	PE27_15	SW8260	541-73-1	NA	1,3-Dichlorobenzene	UJ
S4H2133	PE27_15	SW8260	56-23-5	NA	Carbon Tetrachloride	UJ
S4H2133	PE27_15	SW8260	591-78-6	NA	2-Hexanone	UJ
S4H2133	PE27_15	SW8260	630-20-6	NA	1,1,1,2-Tetrachloroethane	UJ
S4H2133	PE27_15	SW8260	67-64-1	NA	Acetone	J
S4H2133	PE27_15	SW8260	67-66-3	NA	Chloroform	UJ
S4H2133	PE27_15	SW8260	71-43-2	NA	Benzene	UJ
S4H2133	PE27_15	SW8260	71-55-6	NA	1,1,1-Trichloroethane (TCA)	UJ
S4H2133	PE27_15	SW8260	74-83-9	NA	Bromomethane	UJ
S4H2133	PE27_15	SW8260	74-87-3	NA	Chloromethane (Methyl Chloride)	UJ
S4H2133	PE27_15	SW8260	74-95-3	NA	Dibromomethane	UJ
S4H2133	PE27_15	SW8260	74-97-5	NA	Bromochloromethane	UJ
S4H2133	PE27_15	SW8260	75-00-3	NA	Chloroethane	UJ
S4H2133	PE27_15	SW8260	75-01-4	NA	Vinyl Chloride	UJ
S4H2133	PE27_15	SW8260	75-09-2	NA	Methylene Chloride	UJ
S4H2133	PE27_15	SW8260	75-15-0	NA	Carbon Disulfide	J
S4H2133	PE27_15	SW8260	75-25-2	NA	Bromoform	UJ
S4H2133	PE27_15	SW8260	75-27-4	NA	Bromodichloromethane	UJ
S4H2133	PE27_15	SW8260	75-34-3	NA	1,1-Dichloroethane	UJ
S4H2133	PE27_15	SW8260	75-35-4	NA	1,1-Dichloroethene	UJ
S4H2133	PE27_15	SW8260	75-69-4	NA	Trichlorofluoromethane	UJ
S4H2133	PE27_15	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
S4H2133	PE27_15	SW8260	76-13-1	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	UJ
S4H2133	PE27_15	SW8260	78-87-5	NA	1,2-Dichloropropane	UJ
S4H2133	PE27_15	SW8260	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	J
S4H2133	PE27_15	SW8260	79-00-5	NA	1,1,2-Trichloroethane	UJ
S4H2133	PE27_15	SW8260	79-01-6	NA	Trichloroethylene (TCE)	UJ
S4H2133	PE27_15	SW8260	79-20-9	NA	Methyl Acetate	UJ
S4H2133	PE27_15	SW8260	79-34-5	NA	1,1,2,2-Tetrachloroethane	UJ
S4H2133	PE27_15	SW8260	87-61-6	NA	1,2,3-Trichlorobenzene	UJ
S4H2133	PE27_15	SW8260	87-68-3	NA	Hexachlorobutadiene	UJ
S4H2133	PE27_15	SW8260	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	UJ
S4H2133	PE27_15	SW8260	95-50-1	NA	1,2-Dichlorobenzene	UJ
S4H2133	PE27_15	SW8260	95-63-6	NA	1,2,4-Trimethylbenzene	UJ
S4H2133	PE27_15	SW8260	96-12-8	NA	1,2-Dibromo-3-Chloropropane	UJ
S4H2133	PE27_15	SW8260	96-18-4	NA	1,2,3-Trichloropropane	UJ
S4H2133	PE27_15	SW8260	98-06-6	NA	T-Butylbenzene	UJ
S4H2133	PE27_15	SW8260	98-82-8	NA	Isopropylbenzene (Cumene)	UJ
S4H2133	PE27_15	SW8260	CYMP	NA	P-Cymene (P-Isopropyltoluene)	UJ
S4H2133	PE28_15	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4H2133	PE28_15	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H2133	PE28_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2133	PE28_15	E1633	763051-92-9	NA	peicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H2133	PE28_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2133	PE28_15	SW6010	7440-41-7	NA	Beryllium	J
S4H1345	PE01_15	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
S4H1345	PE01_15	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H1345	PE01_15	E1633	756426-58-1	NA	ohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-P	UJ
S4H1345	PE01_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H1345	PE01_15	E1633	763051-92-9	NA	peicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H1345	PE01_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H1345	PE01_15	SW6010	7440-22-4	NA	Silver	UJ
S4H1345	PE01_15	SW6010	7440-50-8	NA	Copper	J
S4H1345	PE01_15	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H1345	PE01_15	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ

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SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
S4H1345	PE02_15	E1633	31506-32-8	NA	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
S4H1345	PE02_15	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
S4H1345	PE02_15	E1633	756426-58-1	NA	ohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-P	UJ
S4H1345	PE02_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H1345	PE02_15	E1633	763051-92-9	NA	oeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H1345	PE02_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H1345	PE02_15	SW6010	7440-22-4	NA	Silver	UJ
S4H1345	PE02_15	SW6010	7440-50-8	NA	Copper	J
S4H1345	PE02_15	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H1345	PE02_15	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
S4H1345	PE09_15	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
S4H1345	PE09_15	E1633	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	UJ
S4H1345	PE09_15	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H1345	PE09_15	E1633	756426-58-1	NA	ohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-P	UJ
S4H1345	PE09_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H1345	PE09_15	E1633	763051-92-9	NA	oeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H1345	PE09_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H1345	PE09_15	SW6010	7439-89-6	NA	Iron	J
S4H1345	PE09_15	SW6010	7439-92-1	NA	Lead	J
S4H1345	PE09_15	SW6010	7439-96-5	NA	Manganese	J
S4H1345	PE09_15	SW6010	7440-22-4	NA	Silver	UJ
S4H1345	PE09_15	SW6010	7440-23-5	NA	Sodium	J
S4H1345	PE09_15	SW6010	7440-36-0	NA	Antimony	UJ
S4H1345	PE09_15	SW6010	7440-50-8	NA	Copper	J
S4H1345	PE09_15	SW6010	7440-66-6	NA	Zinc	J
S4H1345	PE09_15	SW6010	7440-70-2	NA	Calcium	J
S4H1345	PE02_15	SW8082	11100-14-4	NA	PCB-1268 (Aroclor 1268)	J
S4H1345	PE02_15	SW8082	1336-36-3	NA	Polychlorinated Biphenyl (PCBs)	J
S4H1345	PE09_15	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H1345	PE09_15	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
S4H1345	PE10_15	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4H1345	PE10_15	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ
S4H1345	PE10_15	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
S4H1345	PE10_15	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H1345	PE10_15	E1633	756426-58-1	NA	ohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-P	UJ
S4H1345	PE10_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H1345	PE10_15	E1633	763051-92-9	NA	oeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H1345	PE10_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H1345	PE09_15	SW8082	11096-82-5	NA	PCB-1260 (Aroclor 1260)	J
S4H1345	PE09_15	SW8082	11097-69-1	NA	PCB-1254 (Aroclor 1254)	UJ
S4H1345	PE09_15	SW8082	11104-28-2	NA	PCB-1221 (Aroclor 1221)	UJ
S4H1345	PE09_15	SW8082	11141-16-5	NA	PCB-1232 (Aroclor 1232)	UJ
S4H1345	PE09_15	SW8082	12672-29-6	NA	PCB-1248 (Aroclor 1248)	UJ
S4H1345	PE09_15	SW8082	12674-11-2	NA	PCB-1016 (Aroclor 1016)	UJ
S4H1345	PE09_15	SW8082	1336-36-3	NA	Polychlorinated Biphenyl (PCBs)	J
S4H1345	PE09_15	SW8082	53469-21-9	NA	PCB-1242 (Aroclor 1242)	J
S4H1345	PE10_15	SW8081	1024-57-3	NA	Heptachlor Epoxide	UJ
S4H1345	PE10_15	SW8081	1031-07-8	NA	Endosulfan Sulfate	UJ
S4H1345	PE10_15	SW8081	309-00-2	NA	Aldrin	UJ
S4H1345	PE10_15	SW8081	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	UJ
S4H1345	PE10_15	SW8081	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	UJ
S4H1345	PE10_15	SW8081	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	UJ
S4H1345	PE10_15	SW8081	33213-65-9	NA	Beta Endosulfan	UJ
S4H1345	PE10_15	SW8081	50-29-3	NA	P,P'-DDT	UJ
S4H1345	PE10_15	SW8081	5103-71-9	NA	cis-Chlordane	UJ
S4H1345	PE10_15	SW8081	53494-70-5	NA	Endrin Ketone	UJ

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Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
S4H1345	PE10_15	SW8081	5566-34-7	NA	gamma-Chlordane	UJ
S4H1345	PE10_15	SW8081	57-74-9	NA	Chlordane	UJ
S4H1345	PE10_15	SW8081	58-89-9	NA	Gamma Bhc (Lindane)	UJ
S4H1345	PE10_15	SW8081	60-57-1	NA	Dieldrin	UJ
S4H1345	PE10_15	SW8081	72-20-8	NA	Endrin	UJ
S4H1345	PE10_15	SW8081	72-43-5	NA	Methoxychlor	UJ
S4H1345	PE10_15	SW8081	72-54-8	NA	P,P'-DDD	UJ
S4H1345	PE10_15	SW8081	72-55-9	NA	P,P'-DDE	UJ
S4H1345	PE10_15	SW8081	7421-93-4	NA	Endrin Aldehyde	UJ
S4H1345	PE10_15	SW8081	76-44-8	NA	Heptachlor	UJ
S4H1345	PE10_15	SW8081	8001-35-2	NA	Toxaphene	UJ
S4H1345	PE10_15	SW8081	959-98-8	NA	Alpha Endosulfan	UJ
S4H1345	PE10_15	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H1345	PE10_15	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
S4H1345	PE17_15	E1633	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	UJ
S4H1345	PE17_15	E1633	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	UJ
S4H1345	PE17_15	E1633	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	UJ
S4H1345	PE17_15	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4H1345	PE17_15	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ
S4H1345	PE17_15	E1633	31506-32-8	NA	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
S4H1345	PE17_15	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
S4H1345	PE17_15	E1633	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	UJ
S4H1345	PE17_15	E1633	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	UJ
S4H1345	PE17_15	E1633	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	UJ
S4H1345	PE17_15	E1633	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	UJ
S4H1345	PE17_15	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H1345	PE17_15	E1633	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	UJ
S4H1345	PE17_15	E1633	756426-58-1	NA	ohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-P	UJ
S4H1345	PE17_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H1345	PE17_15	E1633	763051-92-9	NA	eicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H1345	PE17_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H1345	PE10_15	SW8082	11096-82-5	NA	PCB-1260 (Aroclor 1260)	UJ
S4H1345	PE10_15	SW8082	11097-69-1	NA	PCB-1254 (Aroclor 1254)	UJ
S4H1345	PE10_15	SW8082	11104-28-2	NA	PCB-1221 (Aroclor 1221)	UJ
S4H1345	PE10_15	SW8082	11141-16-5	NA	PCB-1232 (Aroclor 1232)	UJ
S4H1345	PE10_15	SW8082	12672-29-6	NA	PCB-1248 (Aroclor 1248)	UJ
S4H1345	PE10_15	SW8082	12674-11-2	NA	PCB-1016 (Aroclor 1016)	UJ
S4H1345	PE10_15	SW8082	1336-36-3	NA	Polychlorinated Biphenyl (PCBs)	UJ
S4H1345	PE10_15	SW8082	53469-21-9	NA	PCB-1242 (Aroclor 1242)	UJ
S4H1345	PE17_15	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H1345	PE17_15	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
S4H1345	PE18_15	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4H1345	PE18_15	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
S4H1345	PE18_15	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H1345	PE18_15	E1633	756426-58-1	NA	ohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-P	UJ
S4H1345	PE18_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H1345	PE18_15	E1633	763051-92-9	NA	eicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H1345	PE18_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H1345	PE18_15	SW8081	1024-57-3	NA	Heptachlor Epoxide	UJ
S4H1345	PE18_15	SW8081	1031-07-8	NA	Endosulfan Sulfate	UJ
S4H1345	PE18_15	SW8081	309-00-2	NA	Aldrin	UJ
S4H1345	PE18_15	SW8081	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	UJ
S4H1345	PE18_15	SW8081	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	UJ
S4H1345	PE18_15	SW8081	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	UJ
S4H1345	PE18_15	SW8081	33213-65-9	NA	Beta Endosulfan	UJ
S4H1345	PE18_15	SW8081	50-29-3	NA	P,P'-DDT	UJ

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Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
S4H1345	PE18_15	SW8081	5103-71-9	NA	cis-Chlordane	UJ
S4H1345	PE18_15	SW8081	53494-70-5	NA	Endrin Ketone	UJ
S4H1345	PE18_15	SW8081	5566-34-7	NA	gamma-Chlordane	UJ
S4H1345	PE18_15	SW8081	57-74-9	NA	Chlordane	UJ
S4H1345	PE18_15	SW8081	58-89-9	NA	Gamma Bhc (Lindane)	UJ
S4H1345	PE18_15	SW8081	60-57-1	NA	Dieldrin	UJ
S4H1345	PE18_15	SW8081	72-20-8	NA	Endrin	UJ
S4H1345	PE18_15	SW8081	72-43-5	NA	Methoxychlor	UJ
S4H1345	PE18_15	SW8081	72-54-8	NA	P,P'-DDD	UJ
S4H1345	PE18_15	SW8081	72-55-9	NA	P,P'-DDE	UJ
S4H1345	PE18_15	SW8081	7421-93-4	NA	Endrin Aldehyde	UJ
S4H1345	PE18_15	SW8081	76-44-8	NA	Heptachlor	UJ
S4H1345	PE18_15	SW8081	8001-35-2	NA	Toxaphene	UJ
S4H1345	PE18_15	SW8081	959-98-8	NA	Alpha Endosulfan	UJ
S4H1345	PE18_15	SW8082	11096-82-5	NA	PCB-1260 (Aroclor 1260)	UJ
S4H1345	PE18_15	SW8082	11097-69-1	NA	PCB-1254 (Aroclor 1254)	UJ
S4H1345	PE18_15	SW8082	11104-28-2	NA	PCB-1221 (Aroclor 1221)	UJ
S4H1345	PE18_15	SW8082	11141-16-5	NA	PCB-1232 (Aroclor 1232)	UJ
S4H1345	PE18_15	SW8082	12672-29-6	NA	PCB-1248 (Aroclor 1248)	UJ
S4H1345	PE18_15	SW8082	12674-11-2	NA	PCB-1016 (Aroclor 1016)	UJ
S4H1345	PE18_15	SW8082	1336-36-3	NA	Polychlorinated Biphenyl (PCBs)	UJ
S4H1345	PE18_15	SW8082	53469-21-9	NA	PCB-1242 (Aroclor 1242)	UJ
S4H1345	PE18_15	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H1345	PE18_15	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
BH42035	PE07_16	E1633	1691-99-2	NA	l-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE	UJ
BH42035	PE07_16	E1633	24448-09-7	NA	methyl perfluorooctanesulfonamidoethanol (NMeFO	UJ
BH42035	PE07_16	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ
BH42035	PE07_16	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BH42035	PE07_16	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
BH42035	PE07_16	SW6010	7439-92-1	NA	Lead	J
BH42035	PE07_16	SW6010	2023695	NA	Potassium	U (440)
BH42035	PE07_16	SW6010	7440-22-4	NA	Silver	UJ
BH42035	PE07_16	SW6010	7440-23-5	NA	Sodium	U (44.3)
BH42035	PE07_16	SW6010	7440-36-0	NA	Antimony	UJ
BH42035	PE07_16	SW6010	7440-39-3	NA	Barium	J
BH42035	PE07_16	SW7196	18540-29-9	NA	Chromium, Hexavalent	UJ
BH42035	PE07_16	SW7473	7439-97-6	NA	Mercury	UJ
S4H2248	PE11_15	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
S4H2248	PE11_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2248	PE11_15	E1633	763051-92-9	NA	beicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H2248	PE11_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2248	PE11_15	SW6010	7440-41-7	NA	Beryllium	J
S4H2248	PE13_15	E1633	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	UJ
S4H2248	PE13_15	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H2248	PE13_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2248	PE13_15	E1633	763051-92-9	NA	beicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H2248	PE13_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2248	PE13_15	SW6010	7440-41-7	NA	Beryllium	J
S4H2248	PE13_15	SW7196	18540-29-9	NA	Chromium, Hexavalent	UJ
S4H2248	PE13_15	SW8270	129-00-0	NA	Pyrene	J
S4H2248	PE13_15	SW8270	193-39-5	NA	Indeno(1,2,3-C,D)Pyrene	J
S4H2248	PE13_15	SW8270	205-99-2	NA	Benzo(B)Fluoranthene	J
S4H2248	PE13_15	SW8270	206-44-0	NA	Fluoranthene	J
S4H2248	PE13_15	SW8270	218-01-9	NA	Chrysene	J
S4H2248	PE13_15	SW8270	50-32-8	NA	Benzo(A)Pyrene	J
S4H2248	PE13_15	SW8270	56-55-3	NA	Benzo(A)Anthracene	J

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Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
S4H2248	PE13_15	SW8270	84-74-2	NA	Di-N-Butyl Phthalate	J
S4H2248	PE14_15	E1633	763051-92-9	NA	peicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H2248	PE14_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2248	PE14_15	SW6010	7440-41-7	NA	Beryllium	J
S4H2248	PE14_15	SW7196	18540-29-9	NA	Chromium, Hexavalent	UJ
S4H2248	PE14_15	SW8270	129-00-0	NA	Pyrene	J
S4H2248	PE14_15	SW8270	206-44-0	NA	Fluoranthene	J
S4H2248	PE14_15	SW8270	85-01-8	NA	Phenanthrene	J
S4H2248	PE15_16	E1633	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
S4H2248	PE15_16	E1633	763051-92-9	NA	peicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H2248	PE15_16	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2248	PE15_16	SW6010	7440-41-7	NA	Beryllium	J
S4H2248	PE15_16	SW7196	18540-29-9	NA	Chromium, Hexavalent	UJ
S4H2248	PE15_16	SW8260	107-02-8	NA	Acrolein	UJ
S4H2248	PE15_16	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H2248	PE22_16	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4H2248	PE22_16	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H2248	PE22_16	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2248	PE22_16	E1633	763051-92-9	NA	peicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H2248	PE22_16	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2248	PE22_16	SW6010	7440-41-7	NA	Beryllium	J
S4H2248	PE22_16	SW8270	129-00-0	NA	Pyrene	J
S4H2248	PE22_16	SW8270	191-24-2	NA	Benzo(G,H,I)Perylene	J
S4H2248	PE22_16	SW8270	193-39-5	NA	Indeno(1,2,3-C,D)Pyrene	J
S4H2248	PE22_16	SW8270	205-99-2	NA	Benzo(B)Fluoranthene	J
S4H2248	PE22_16	SW8270	206-44-0	NA	Fluoranthene	J
S4H2248	PE22_16	SW8270	218-01-9	NA	Chrysene	J
S4H2248	PE22_16	SW8270	50-32-8	NA	Benzo(A)Pyrene	J
S4H2248	PE22_16	SW8270	56-55-3	NA	Benzo(A)Anthracene	J
S4H2248	PE22_16	SW8270	85-01-8	NA	Phenanthrene	J
S4H2248	PE23_16	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2248	PE23_16	E1633	763051-92-9	NA	peicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H2248	PE23_16	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2248	PE23_16	SW6010	7440-41-7	NA	Beryllium	J
S4H2248	PE30_16	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4H2248	PE30_16	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H2248	PE30_16	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2248	PE30_16	E1633	763051-92-9	NA	peicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
S4H2248	PE30_16	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2248	PE30_16	SW6010	7440-41-7	NA	Beryllium	J
S4H2248	PE30_16	SW8260	107-02-8	NA	Acrolein	UJ
S4H2248	PE30_16	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
S4H2248	PE30_16	SW8270	129-00-0	NA	Pyrene	J
S4H2248	PE30_16	SW8270	193-39-5	NA	Indeno(1,2,3-C,D)Pyrene	J
S4H2248	PE30_16	SW8270	205-99-2	NA	Benzo(B)Fluoranthene	J
S4H2248	PE30_16	SW8270	206-44-0	NA	Fluoranthene	J
S4H2248	PE30_16	SW8270	218-01-9	NA	Chrysene	J
S4H2248	PE30_16	SW8270	50-32-8	NA	Benzo(A)Pyrene	J
S4H2248	PE30_16	SW8270	56-55-3	NA	Benzo(A)Anthracene	J
S4H2248	PE30_16	SW8270	85-01-8	NA	Phenanthrene	J
S4H2248	PE30_16	SW8270	91-20-3	NA	Naphthalene	J
S4H2248	PE31_16	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4H2248	PE31_16	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ
S4H2248	PE31_16	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4H2248	PE31_16	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4H2248	PE31_16	E1633	763051-92-9	NA	peicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ

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SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
S4H2248	PE31_16	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4H2248	PE31_16	SW6010	7440-41-7	NA	Beryllium	J
S4H2248	PE31_16	SW8270	129-00-0	NA	Pyrene	J
S4H2248	PE31_16	SW8270	205-99-2	NA	Benzo(B)Fluoranthene	J
S4H2248	PE31_16	SW8270	206-44-0	NA	Fluoranthene	J
S4H2248	PE31_16	SW8270	91-20-3	NA	Naphthalene	J
S4I0630	PE16_15	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4I0630	PE16_15	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ
S4I0630	PE16_15	E1633	335-67-1	NA	Perfluorooctanoic acid (PFOA)	UJ
S4I0630	PE16_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4I0630	PE16_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4I0630	PE16_15	SW6010	7440-50-8	NA	Copper	J
S4I0630	PE32_15	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4I0630	PE32_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4I0630	PE32_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4I0630	PE32_15	SW6010	7440-50-8	NA	Copper	J
S4I0630	PE32_15	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
S4I0630	PE32_15	SW8270	534-52-1	NA	4,6-Dinitro-2-Methylphenol	UJ
S4I0630	PE32_15	SW8270	65-85-0	NA	Benzoic Acid	UJ
S4I0630	PE32_15	SW8270	77-47-4	NA	Hexachlorocyclopentadiene	UJ
S4I0630	PE33_15	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4I0630	PE33_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4I0630	PE33_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4I0630	PE33_15	SW6010	7440-50-8	NA	Copper	J
S4I0630	PE33_15	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
S4I0630	PE33_15	SW8270	534-52-1	NA	4,6-Dinitro-2-Methylphenol	UJ
S4I0630	PE33_15	SW8270	65-85-0	NA	Benzoic Acid	UJ
S4I0630	PE33_15	SW8270	77-47-4	NA	Hexachlorocyclopentadiene	UJ
S4I0630	PE34_15	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4I0630	PE34_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4I0630	PE34_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4I0630	PE34_15	SW6010	7440-50-8	NA	Copper	J
S4I0630	PE34_15	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
S4I0630	PE34_15	SW8270	534-52-1	NA	4,6-Dinitro-2-Methylphenol	UJ
S4I0630	PE34_15	SW8270	65-85-0	NA	Benzoic Acid	UJ
S4I0630	PE34_15	SW8270	77-47-4	NA	Hexachlorocyclopentadiene	UJ
S4I0630	PE40_15	E1633	2355-31-9	NA	ethyl perfluorooctanesulfonamidoacetic acid (NMeFC	UJ
S4I0630	PE40_15	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4I0630	PE40_15	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ
S4I0630	PE40_15	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
S4I0630	PE40_15	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4I0630	PE40_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4I0630	PE40_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4I0630	PE40_15	SW6010	7440-41-7	NA	Beryllium	J
S4I0630	PE40_15	SW6010	7440-50-8	NA	Copper	J
S4I0630	PE40_15	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
S4I0630	PE40_15	SW8270	534-52-1	NA	4,6-Dinitro-2-Methylphenol	UJ
S4I0630	PE40_15	SW8270	65-85-0	NA	Benzoic Acid	UJ
S4I0630	PE40_15	SW8270	77-47-4	NA	Hexachlorocyclopentadiene	UJ
BI40506	PE06_15	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
BI40506	PE06_15	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
BI40506	PE06_15	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BI40506	PE06_15	SW8260	107-02-8	NA	Acrolein	UJ
BI40506	PE06_15	SW8260	75-01-4	NA	Vinyl Chloride	UJ
BI40506	PE06_15	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
BI41555	DUP_09242024	SW8260	107-06-2	NA	1,2-Dichloroethane	UJ

Data Usability Summary Report
For 12096 Flatlands Avenue Site
August and September 2024 Soil Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
BI41555	DUP_09242024	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
BI41555	DUP_09242024	SW8260	107-02-8	NA	Acrolein	UJ
BI41555	DUP_09242024	SW6010	7439-96-5	NA	Manganese	J
BI41555	DUP_09242024	SW7473	7439-97-6	NA	Mercury	UJ
BI41555	DUP_09242024	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI41555	DUP_09242024	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BI41555	DUP_09242024	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BI41555	DUP_09242024	SW6010	7440-23-5	NA	Sodium	U (54.2)
BI41555	DUP_09242024	SW6010	7440-66-6	NA	Zinc	J
BI41555	PE35_20.5	SW8260	107-06-2	NA	1,2-Dichloroethane	UJ
BI41555	PE35_20.5	SW8260	107-02-8	NA	Acrolein	UJ
BI41555	PE35_20.5	SW6010	7440-36-0	NA	Antimony	UJ
BI41555	PE35_20.5	SW7196	18540-29-9	NA	Chromium, Hexavalent	UJ
BI41555	PE35_20.5	SW7473	7439-97-6	NA	Mercury	J
BI41555	PE35_20.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI41555	PE35_20.5	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BI41555	PE35_20.5	SW6010	7440-23-5	NA	Sodium	U (49.3)
BI41555	PE35_20.5	SW6010	7440-66-6	NA	Zinc	J
BI41555	PE36_20	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI41555	PE36_20	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BI41555	PE36_20	SW6010	7439-96-5	NA	Manganese	J
BI41555	PE36_20	SW6010	2023695	NA	Potassium	J
BI41555	PE36_20	SW6010	7440-23-5	NA	Sodium	U (68)
BI41555	PE36_20	SW8260	107-02-8	NA	Acrolein	UJ
BI41555	PE36_20	SW8260	107-06-2	NA	1,2-Dichloroethane	UJ
BI41555	PE43_21	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI41555	PE43_21	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BI41555	PE43_21	SW6010	7439-96-5	NA	Manganese	J
BI41555	PE43_21	SW6010	7440-23-5	NA	Sodium	J
BI41555	PE43_21	SW8260	107-02-8	NA	Acrolein	UJ
BI41555	PE43_21	SW8260	107-06-2	NA	1,2-Dichloroethane	UJ
BI41555	PE43_21	SW8270	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	U (0.0894)
BI41555	PE52_19.5	E1633	1691-99-2	NA	l-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE	UJ
BI41555	PE52_19.5	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
BI41555	PE52_19.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI41555	PE52_19.5	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
BI41555	PE52_19.5	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BI41555	PE52_19.5	SW6010	7439-96-5	NA	Manganese	J
BI41555	PE52_19.5	SW6010	7440-23-5	NA	Sodium	J
BI41555	PE52_19.5	SW8081	50-29-3	NA	P,P'-DDT	J
BI41555	PE52_19.5	SW8081	5566-34-7	NA	gamma-Chlordane	J
BI41555	PE52_19.5	SW8082	12672-29-6	NA	PCB-1248 (Aroclor 1248)	J
BI41555	PE52_19.5	SW8082	1336-36-3	NA	Polychlorinated Biphenyl (PCBs)	J
BI41555	PE52_19.5	SW8260	107-02-8	NA	Acrolein	UJ
BI41555	PE52_19.5	SW8260	107-06-2	NA	1,2-Dichloroethane	UJ
BI41555	PE60_19.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI41555	PE60_19.5	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
BI41555	PE60_19.5	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BI41555	PE60_19.5	SW6010	7439-96-5	NA	Manganese	J
BI41555	PE60_19.5	SW6010	7440-23-5	NA	Sodium	J
BI41555	PE60_19.5	SW8081	50-29-3	NA	P,P'-DDT	J
BI41555	PE60_19.5	SW8082	12672-29-6	NA	PCB-1248 (Aroclor 1248)	J
BI41555	PE60_19.5	SW8082	1336-36-3	NA	Polychlorinated Biphenyl (PCBs)	J
BI41555	PE60_19.5	SW8260	107-02-8	NA	Acrolein	UJ
BI41555	PE60_19.5	SW8260	107-06-2	NA	1,2-Dichloroethane	UJ
BI41555	PE60_19.5	SW8270	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	J

Data Usability Summary Report
For 12096 Flatlands Avenue Site
August and September 2024 Soil Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
BI41082	PE51_20	E1633	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	UJ
BI41082	PE51_20	E1633	2355-31-9	NA	ethyl perfluorooctanesulfonamidoacetic acid (NMeFC	UJ
BI41082	PE51_20	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
BI41082	PE51_20	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ
BI41082	PE51_20	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
BI41082	PE51_20	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BI41082	PE51_20	E1633	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	UJ
BI41082	PE51_20	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
BI41082	PE51_20	E1633	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	UJ
BI41082	PE51_20	E1633	756426-58-1	NA	ohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-P	UJ
BI41082	PE51_20	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
BI41082	PE51_20	E1633	763051-92-9	NA	peicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
BI41082	PE51_20	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BI41082	PE51_20	SW6010	7440-36-0	NA	Antimony	UJ
BI41082	PE51_20	SW6010	7440-38-2	NA	Arsenic	J
BI41082	PE51_20	SW7196	18540-29-9	NA	Chromium, Hexavalent	UJ
BI41082	PE51_20	SW8270	108-95-2	NA	Phenol	UJ
BI41082	PE51_20	SW8270	87-86-5	NA	Pentachlorophenol	UJ
BI41082	PE51_20	SW8270	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	UJ
S4I1137	DUP_09062024	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4I1137	DUP_09062024	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4I1137	DUP_09062024	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
S4I1137	DUP_09062024	SW8260	67-64-1	NA	Acetone	U (0.011)
S4I1137	DUP_09062024	SW8270	50-32-8	NA	Benzo(A)Pyrene	J
S4I1137	DUP_09062024	SW6010	7440-70-2	NA	Calcium	J
S4I1137	DUP_09062024	SW6010	7440-48-4	NA	Cobalt	J
S4I1137	DUP_09062024	SW6010	7440-50-8	NA	Copper	J
S4I1137	DUP_09062024	SW8270	129-00-0	NA	Pyrene	J
S4I1137	PE24_15_20240906	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
S4I1137	PE24_15_20240906	SW8270	534-52-1	NA	4,6-Dinitro-2-Methylphenol	UJ
S4I1137	PE24_15_20240906	SW6010	7440-36-0	NA	Antimony	UJ
S4I1137	PE24_15_20240906	SW6010	7440-39-3	NA	Barium	J
S4I1137	PE24_15_20240906	SW8270	50-32-8	NA	Benzo(A)Pyrene	J
S4I1137	PE24_15_20240906	SW6010	7440-70-2	NA	Calcium	J
S4I1137	PE24_15_20240906	SW7196	18540-29-9	NA	Chromium, Hexavalent	UJ
S4I1137	PE24_15_20240906	SW6010	7440-47-3	NA	Chromium, Total	J
S4I1137	PE24_15_20240906	SW6010	7440-48-4	NA	Cobalt	J
S4I1137	PE24_15_20240906	SW6010	7440-50-8	NA	Copper	J
S4I1137	PE24_15_20240906	SW6010	7439-92-1	NA	Lead	J
S4I1137	PE24_15_20240906	SW6010	7439-96-5	NA	Manganese	J
S4I1137	PE24_15_20240906	SW7473	7439-97-6	NA	Mercury	J
S4I1137	PE24_15_20240906	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ
S4I1137	PE24_15_20240906	SW8270	129-00-0	NA	Pyrene	J
S4I1137	PE24_15_20240906	SW6010	7440-66-6	NA	Zinc	J
BI40705	PE41_21.5	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
BI40705	PE41_21.5	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BI40705	PE41_21.5	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BI40705	PE41_21.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI40705	PE41_21.5	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
BI40705	PE42_21.5	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
BI40705	PE42_21.5	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BI40705	PE42_21.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI40705	PE42_21.5	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
BI40705	PE42_21.5	SW7196	18540-29-9	NA	Chromium, Hexavalent	UJ
BI40705	PE49_22	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
BI40705	PE49_22	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ

Data Usability Summary Report
For 12096 Flatlands Avenue Site
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Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
BI40705	PE49_22	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BI40705	PE49_22	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BI40705	PE49_22	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI40705	PE49_22	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
BI40705	PE49_22	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
BI40705	PE50_21.5	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
BI40705	PE50_21.5	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BI40705	PE50_21.5	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BI40705	PE50_21.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI40705	PE50_21.5	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
BI40705	PE57_22	E1633	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	J
BI40705	PE57_22	E1633	2355-31-9	NA	ethyl perfluorooctanesulfonamidoacetic acid (NMeFO	UJ
BI40705	PE57_22	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
BI40705	PE57_22	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	J
BI40705	PE57_22	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
BI40705	PE57_22	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BI40705	PE57_22	E1633	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	UJ
BI40705	PE57_22	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI40705	PE57_22	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
BI40705	PE57_22	E1633	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	UJ
BI40705	PE57_22	E1633	756426-58-1	NA	ohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-P	UJ
BI40705	PE57_22	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
BI40705	PE57_22	E1633	763051-92-9	NA	eicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-P	UJ
BI40705	PE57_22	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BI40705	PE58_21.5	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
BI40705	PE58_21.5	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ
BI40705	PE58_21.5	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BI40705	PE58_21.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI40705	PE58_21.5	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
BI40705	PE58_21.5	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
BI40705	PE59_20	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
BI40705	PE59_20	E1633	2991-50-6	NA	thyl perfluorooctanesulfonamidoacetic acid (NEtFOS	UJ
BI40705	PE59_20	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BI40705	PE59_20	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BI40705	PE59_20	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BI40705	PE59_20	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
BI40705	PE59_20	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

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Mailing Address: 1 University Square Drive Princeton, NJ 08540

To: Lauren Kott, Langan Project Engineer

From: Mariana Wissink, Langan Senior Staff Chemist

Date: November 20, 2024

Re: Data Usability Summary Report
For 12096 Flatlands Avenue
October 2024 Soil Samples
Langan Project No.: 100688802

This memorandum presents the findings of an analytical data validation from the analysis of soil samples collected in October 2024 by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. at 12096 Flatlands Avenue Site. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration #10854 and 12058) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), per- and polyfluoroalkyl substances (PFAS), herbicides, polychlorinated biphenyls (PCBs), pesticides, metals, cyanide (CN), hexavalent chromium (CrVI), and trivalent chromium (CrIII) by the methods specified below.

- VOCs by SW-846 Method 8260C
- SVOCs by SW-846 Method 8270D/8270D SIM
- PFAS by USEPA Method 1633
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Metals by SW-846 Method 6010D/7473
- Cyanide by SW-846 Method 9014/9010C
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium by calculation

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation

- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. 11 sample delivery groups underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

R – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid

and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260C

24J0297

The LCS/LCSD for batch BJ40351 exhibited a percent recovery below the LCL for acrolein (7.08%, 8.24%). The associated results in samples PE47_17.5 and PE55_17 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BJ40351 exhibited percent recoveries above the UCL for 2,2-dichloropropane (140%, 138%) and tert-butyl alcohol (LCS = 132%). The associated detected results in samples PE47_17.5 and PE55_17 are qualified as J because of potential high bias.

24J0369

The LCS/LCSD for batch BJ40468 exhibited percent recoveries below the LCL for t-butylbenzene (79.2%) and acrolein (8.84%, 7.32%). The associated results in samples PE46_17.5, PE54_18, PE63_17, and PE71_17 are qualified as UJ because of potential low bias.

24J0441

The LCS and or LCSD for batch BJ40623 exhibited percent recoveries below the LCL for acrolein (7.92%, 7.74%) and t-butylbenzene (LCSD = 79.8%). The associated results in sample are qualified as UJ because of potential low bias.

24J0664

The LCS/LCSD for batch BJ40846 exhibited a percent recovery below the LCL for acrolein (5.76%, 6.14%). The associated results in samples PE61_19, PE64_16, and PE70_18 are qualified as UJ because of potential low bias.

24J0883

The LCS/LCSD for batch BJ41068 exhibited percent recoveries below the LCL for acrolein (5.76%, 5.96%) and dichlorodifluoromethane (LCSD = 38.3%). The associated results in sample PE48_16.5 are qualified as UJ because of potential low bias.

24J1471

The LCS/LCSD for batch BJ41916 exhibited a percent recovery below the LCL for acrolein (5.32%, 5.74%). The associated results in samples DUP_10222024, PE67_20.5, PE68_20, and PE69_19.5 are qualified as UJ because of potential low bias.

24J1567

The LCS/LCSD for batch BJ41916 exhibited a percent recovery below the LCL for acrolein (5.32%, 5.74%). The associated results in samples PE74_19 and PE75_18 are qualified as UJ because of potential low bias.

24J1650

The LCS/LCSD for batch BJ42093 exhibited a percent recovery below the LCL for acrolein (4.68%, 4.9%). The associated results in sample PE56_15.5 are qualified as UJ because of potential low bias.

24J1755

The MB for batch BJ42095 exhibited a detection of acetone (0.0053 mg/kg). The associated results <10x the blank concentration in samples PE65_22, PE66_21, and PE73_21.5 are qualified as J because of potential blank contamination.

The LCS/LCSD for batch BJ42095 exhibited percent recoveries below the LCL for acrolein (4.76%, 5.2%), bromomethane (29%), and dichlorodifluoromethane (39.5%, 37.3%). The associated results in samples PE65_22, PE66_21, and PE73_21.5 are qualified as UJ because of potential low bias.

24J2128

The MB for batch BK40179 exhibited a detection of acetone (0.0084 mg/kg). The associated detected results <10x the blank concentration in samples PE72_16, PE76_17, and PE77_16 are qualified as J or as U at the higher of the sample concentration and the reporting limit because of potential blank contamination.

SVOCs by SW-846 Method 8270D/8270D SIM

24J0555

The LCS for batch BJ40815-BS1 exhibited a percent recovery below the LCL for 2,4-dinitrophenol (8.27%). The associated results in sample PE62_18.0 are qualified as UJ because of potential low bias.

The LCS for batch BJ40816-BS1 exhibited a percent recovery below the LCL for benzoic acid (9.16%). The associated results in samples PE44_20.0, PE45_19.5, and PE53_19.0 are qualified as UJ because of potential low bias.

24J1471

The LCS for batch BJ41684 exhibited a percent recovery below the LCL for 2,4-dinitrophenol (0%). The associated results in samples DUP_10222024, PE67_20.5, PE68_20, and PE69_19.5 are qualified as UJ because of potential low bias.

24J1567

The MB for batch BJ41859 exhibited a detection of bis(2-ethylhexyl) phthalate (0.0721 mg/kg). The associated results in sample PE74_19 are qualified as U at the reporting limit because of potential blank contamination.

24J1755

The LCS/LCSD for batch BJ42095 exhibited a RPD above the control limit for bromomethane (41.5%). The associated results in samples PE65_22, PE66_21, and PE73_21.5 are qualified as UJ because of potential indeterminate bias.

PFAS by USEPA Method 1633

24J0297

The sample PE47_17.5 exhibited a percent recovery above the UCL for the isotope dilution standard m3-hexafluoropropylene oxide dimer acid (M3HFPO-DA) (153%). The associated results are qualified as UJ because of potential high bias.

The sample PE55_17 exhibited a percent recovery above the UCL for the isotope dilution standard m3-hexafluoropropylene oxide dimer acid (M3HFPO-DA) (158%). The associated results are qualified as UJ because of potential high bias.

24J0369

The sample PE46_17.5 exhibited percent recoveries above the UCL for the isotope dilution standard M3-hexafluoropropylene oxide dimer acid (M3HFPO-DA) (156%) and 13C6-perfluorodecanoic acid (157%). The associated results are qualified as UJ because of potential high bias.

The sample PE71_17 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (8.96%). The associated results are qualified as UJ because of potential low bias.

24J0441

The mid- and low-level LCS for batch BJ40754 exhibited a percent recovery below the LCL for perfluoro-3-methoxypropanoic acid (PFMPA) (20.6%, 28.5%). The associated results in sample PE37_19.5 are qualified as UJ because of potential low bias.

24J0555

The LCS for batch BJ40812 exhibited percent recoveries below the LCL for perfluoro-3-methoxypropanoic acid (PFMPA) (29.4%, 33.4%) and perfluorododecanesulfonic acid (PFDoS) (46.2%). The associated results in samples PE44_20.0, PE45_19.5, PE53_19.0, and PE62_18.0 are qualified as UJ because of potential low bias.

The sample PE44_20.0 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (11.9%). The associated results are qualified as UJ because of potential low bias.

The sample PE44_20.0 exhibited percent recoveries above the UCL for the isotope dilution standard 13C3-perfluorohexanesulfonic acid (152%) and m3-hexafluoropropylene oxide dimer acid (M3HFPO-DA) (152%). The associated results are qualified as UJ because of potential high bias.

The sample PE45_19.5 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (17.8%). The associated results are qualified as UJ because of potential low bias.

The sample PE45_19.5 exhibited percent recoveries above the UCL for the isotope dilution standard 13C6-perfluorodecanoic acid (153%) and m3-hexafluoropropylene oxide dimer acid (M3HFPO-DA) (160%). The associated results are qualified as UJ because of potential high bias.

The sample PE53_19.0 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (17.4%). The associated results are qualified as UJ because of potential low bias.

The sample PE62_18.0 exhibited percent recoveries below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (7.04%) and 13C8-perfluorooctanoic acid (160%). The associated results are qualified as UJ because of potential low bias.

24J0664

The mid- and low-level LCS for batch BJ40812 exhibited percent recoveries below the LCL for perfluoro-3-methoxypropanoic acid (PFMPA) (29.4%, 33.4%) and perfluorododecanesulfonic acid (PFDoS) (46.2%). The associated results in samples PE61_19, PE64_16, and PE70_18 are qualified as UJ because of potential low bias.

The sample PE64_16 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (10.3%). The associated results are qualified as UJ because of potential low bias.

The sample PE70_18 exhibited percent recoveries below the LCL for the isotope dilution standard 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-hexane sulfonic acid (4:2) (24.3%). The associated results are qualified as UJ because of potential low bias.

24J0883

The sample PE48_16.5 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (20.7%). The associated results are qualified as UJ because of potential low bias.

24J1471

The sample PE68_20 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (2.39%). The associated results are qualified as UJ because of potential low bias.

The low-level LCS for batch BJ41660 exhibited percent recoveries below the LCL for 3-perfluoropropyl propanoic acid (3:3 FTCA) (49.1%) and perfluoro-3-methoxypropanoic acid (PFMPA) (7.69%). The associated results in samples DUP_10222024, PE67_20.5, PE68_20, and PE69_19.5 are qualified as UJ because of potential low bias.

24J1567

The LCS for batch BJ41660 exhibited percent recoveries below the LCL for 3-perfluoropropyl propanoic acid (3:3 FTCA) (49.1%) and perfluoro-3-methoxypropanoic acid (PFMPA) (7.69%). The associated results in samples PE74_19 and PE75_18 are qualified as UJ because of potential low bias.

The sample PE75_18 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (10%). The associated results are qualified as UJ because of potential low bias.

24J1650

The sample PE56_15.5 exhibited a percent recovery below the LCL for the isotope dilution standard d-N-EtFOSA (24.8%). The associated results are qualified as UJ because of potential low bias.

24J1755

The LCS for batch BJ42001 exhibited percent recoveries below the LCL for 3-perfluoropropyl propanoic acid (3:3 FTCA) (41.1%) and perfluoro-3-methoxypropanoic acid (PFMPA) (8.74%). The associated results in samples PE65_22, PE66_21, and PE73_21.5 are qualified as UJ because of potential low bias.

The sample PE65_22 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (8.48%). The associated results are qualified as UJ because of potential low bias.

The sample PE66_21 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (1.88%). The associated results are qualified as UJ because of potential low bias.

24J2128

The sample PE72_16 exhibited a percent recovery below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (12.9%). The associated results are qualified as UJ because of potential low bias.

PCBs by SW-846 Method 8082A

24J0555

The sample PE53_19.0 exhibited RPDs above the control limit between the primary and secondary GC columns for PCB-1248 and polychlorinated biphenyl. The associated results are qualified as J because of potential indeterminate bias.

Pesticides by SW-846 Method 8081B

24J0555

The sample PE53_19.0 exhibited a RPD above the control limit between the primary and secondary GC columns for 4,4'-DDT. The associated results are qualified as J because of potential indeterminate bias.

Metals by SW-846 Method 6010D/7473

24J0297

The laboratory duplicate and parent sample (PE47_17.5) exhibited a RPD above the control limit for lead (169%). The associated results are qualified as J because of potential indeterminate bias.

The MS performed on sample PE47_17.5 exhibited a percent recovery below the LCL for antimony (50.7%). The associated results in sample PE47_17.5 are qualified as UJ because of potential low bias.

The LCS for batch BJ40383 exhibited a percent recovery below the LCL for silver (67.9%). The associated results in sample PE47_17.5 are qualified as UJ because of potential low bias.

The LCS for batch BJ40466 exhibited a percent recovery below the LCL for silver (56.7%). The associated results in sample PE55_17 are qualified as UJ because of potential low bias.

24J0369

The FB (FB_10042024) exhibited detections of potassium (974 ug/l), sodium (674 ug/l), and calcium (285 ug/l). The associated results <10x blank concentration in samples PE46_17.5, PE54_18, PE63_17, and PE71_17 are qualified as J or as U at the sample concentration because of potential blank contamination.

The SRM for batch BJ40527 exhibited a percent recovery below the LCL for silver (56.8%). The associated results in samples PE46_17.5, PE54_18, and PE63_17 are qualified as UJ because of potential low bias.

The MS performed on sample PE63_17 exhibited percent recoveries below the LCL for silver (39.4%) and antimony (41.4%). The associated results in sample PE63_17 are qualified as UJ because of potential low bias.

24J0664

The LCS for batch BJ40910 exhibited a percent recovery above the UCL for sodium (129%). The associated results in samples PE61_19, PE64_16, and PE70_18 are qualified as J because of potential high bias.

24J0883

The SRM for batch BJ40996 exhibited percent recoveries below the LCL for potassium (29.2%) and sodium (30.5%). The associated results in sample PE48_16.5 are qualified as J because of potential low bias.

24J1567

The laboratory duplicate and parent sample (PE75_18) exhibited a RPD above the control limit for lead (72.8%). The associated results are qualified as J because of potential indeterminate bias.

The MS performed on sample PE75_18 exhibited a percent recovery below the LCL for antimony (66.9%). The associated results in sample PE75_18 are qualified as UJ because of potential low bias.

The MS performed on sample PE75_18 exhibited percent recoveries above the UCL for sodium (135%), zinc (153%), lead (187%), and manganese (228%). The associated results in sample PE75_18 are qualified as J because of potential high bias.

The MS performed on sample PE75_18 exhibited a percent recovery below the LCL for mercury (69%). The associated sample results are qualified as J because of potential low bias.

The laboratory duplicate and parent sample (PE75_18) exhibited a RPD above the control limit for mercury (95%). The associated sample results are qualified as J because of potential indeterminate bias.

24J1650

The FB (FB_10242024) exhibited a detection of potassium (0.0929 mg/l), sodium (1.10 mg/l), and calcium (0.286 mg/l). The associated results <10x blank concentration in sample PE56_15.5 are qualified as J because of potential blank contamination.

24J2128

The MS performed on sample PE77_16 exhibited a percent recovery below the LCL for antimony (48.4%). The associated results in sample are qualified as UJ because of potential low bias.

Cyanide by SW-846 Method 9014/9010C

24J1567

The MS performed on sample PE75_18 exhibited a percent recovery below the LCL for cyanide (79.5%). The associated sample results are qualified as UJ because of potential low bias.

Hexavalent Chromium by SW-846 Method 7196A

24J0297

The MS performed on sample PE47_17.5 exhibited a percent recovery below the LCL for hexavalent chromium (74.8%). The associated results in sample PE47_17.5 are qualified as UJ because of potential low bias.

24J1650

The MS performed on sample PE56_15.5 exhibited a percent recovery below the LCL for hexavalent chromium (5%, 1.8%). The associated results in sample are qualified as UJ because of potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260C

24J0297

The MS and/or MSD performed on sample PE47_17.5 exhibited percent recoveries outside of control limits for one or more analytes (128% - 224%). Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24J0369

The FB (FB_10042024) exhibited detections of chloroform (18.4 ug/l) and bromodichloromethane (1.28 ug/l). The associated results are non-detect. No qualification is necessary.

The TB (TB_10042024) exhibited detections of 1,2-dichloroethane (0.800 ug/l), acrylonitrile (3.63 ug/l), 4-methyl-2-pentanone (0.790 ug/l), bromoform (0.310 ug/l), 1,1,2-trichloroethane (3.96 ug/l), and beryllium (1 ug/l). The associated results are non-detect. No qualification is necessary.

The LCS/LCSD for batch BJ40468 exhibited percent recoveries above the UCL for tert-butyl methyl ether (%, 131%), 2,2-dichloropropane (139%, 150%), and tert-butyl alcohol (%, 133%). The associated results are non-detect. No qualification is necessary.

24J0441

The TB (TB_10072024) exhibited a detection of acrylonitrile (0.860 ug/l). The associated results are non-detect. No qualification is necessary.

24J0555

The TB (TB_10082024) exhibited a detection of acrylonitrile (2.55 ug/l). The associated results are non-detect. No qualification is necessary.

The LCS/LCSD for batch BJ40697 exhibited a percent recovery below the LCL for acrolein (6.58%, 6.3%). The associated results in samples PE44_20.0, PE45_19.5, PE53_19.0, and PE62_18.0 are qualified as UJ because of potential low bias.

24J0664

The TB (TB_10092024) exhibited a detection of acrylonitrile (0.720 ug/l). The associated results are non-detect. No qualification is necessary.

24J1471

The MB for batch BJ41689 exhibited detections of acetone (1.38 ug/l) and chloromethane (0.660 ug/l). The associated results are >10X the contamination or non-detect. No qualification is necessary.

24J1567

The MS and/or MSD performed on sample PE75_18 exhibited percent recoveries (-112% - 77.2%) and/or RPDs (200%) outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24J1650

The TB (TB_10242024) exhibited a detection of acrylonitrile (1.17 ug/l). The associated results are non-detect. No qualification is necessary.

The LCSD for batch BJ42093 exhibited a percent recovery above the UCL for tert-butyl alcohol (132%). The associated results are non-detect. No qualification is necessary.

The FB (FB_10242024) exhibited a detection of acrylonitrile (5.59 ug/l). The associated results are non-detect. No qualification is necessary.

24J1755

The TB (TB_10252024) exhibited a detection of acrylonitrile (1.00 ug/l). The associated results are non-detect. No qualification is necessary.

The LCS/LCSD for batch BJ42095 exhibited a percent recovery above the UCL for tert-butyl alcohol (134%, 131%). The associated results are non-detect. No qualification is necessary.

24J2128

The TB (TB_10312024) exhibited a detection of acrylonitrile (0.990 ug/l). The associated results are non-detect. No qualification is necessary.

The LCS/LCSD for batch BK40179 exhibited percent recoveries above the UCL for 2,2-dichloropropane (134%, 145%) and tert-butyl alcohol (133%, 150%). The associated results are non-detect. No qualification is necessary.

SVOCs by SW-846 Method 8270D/8270D SIM

24J0297

The MS and/or MSD performed on sample PE47_17.5 exhibited percent recoveries (7.92%) and/or RPDs (30.6% - 31.5%) outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24J0369

The FB (FB_10042024) exhibited detections of anthracene (0.100 ug/l), pyrene (0.230 ug/l), benzo(g,h,i)perylene (0.0500 ug/l), fluoranthene (0.180 ug/l), benzo(k)fluoranthene (0.0600 ug/l), acenaphthylene (0.100 ug/l), chrysene (0.120 ug/l), benzo(a)pyrene (0.0800 ug/l), benzo(a)anthracene (0.120 ug/l), phenanthrene (0.270 ug/l), fluorene (0.0600 ug/l), and naphthalene (0.480 ug/l). The associated results are non-detect. No qualification is necessary.

The LCS for batch BJ40579 exhibited percent recoveries above the UCL for benzaldehyde (104%), caprolactam (140%), atrazine (130%), pentachlorophenol (156%), biphenyl (diphenyl or

1,1'-biphenyl) (147%), 1,2,4,5-tetrachlorobenzene (141%), and acetophenone (140%). The associated results are non-detect. No qualification is necessary.

24J0555

The sample PE62_18.0 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol (115%). Only one surrogate from a single fraction was outside of the recovery control limits. No qualification is necessary.

24J1567

The MS/MSD performed on sample PE75_18 exhibited a RPD above the control limit for benzoic acid (35.6%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

24J1650

The FB (FB_10242024) exhibited detections of bis(2-ethylhexyl) phthalate (0.770 ug/l), pyrene (0.100 ug/l), fluoranthene (0.110 ug/l), chrysene (0.0500 ug/l), benzo(a)anthracene (0.0500 ug/l), phenanthrene (0.110 ug/l), and fluorene (0.350 ug/l). The associated results are non-detect. No qualification is necessary.

24J1755

The LCS for batch BJ41947 exhibited percent recoveries below the LCL for 4-nitroaniline (10.7%), 2,4-dinitrophenol (0%), 4,6-dinitro-2-methylphenol (0%), and hexachlorocyclopentadiene (2.85%). The associated results in samples PE65_22, PE66_21, and PE73_21.5 are qualified as UJ because of potential low bias.

24J2128

The LCS for batch BK40085 exhibited percent recoveries above the UCL for benzaldehyde (114%), caprolactam (140%), atrazine (127%), biphenyl (diphenyl or 1,1'-biphenyl) (117%), and acetophenone (125%). The associated results are non-detect. No qualification is necessary.

PFAS by USEPA Method 1633

24J0297

The LCS for batch BJ40531 exhibited a percent recovery above the UCL for perfluoro(2-ethoxyethane)sulfonic acid (PFEESA) (168%, 152%). The associated results are non-detect. No qualification is necessary.

The MS and/or MSD performed on sample PE47_17.5 exhibited percent recoveries (160%) and/or RPDs (35.6%) outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24J0369

The mid- and low-level LCS for batch BJ40531 exhibited a percent recovery above the UCL for perfluoro(2-ethoxyethane)sulfonic acid (PFEESA) (168%, 152%). The associated results are non-detect. No qualification is necessary.

24J1567

The EB (EB_10232024) exhibited a detection of perfluorobutanesulfonic acid (PFBS) (0.788 ng/l). The associated results are non-detect. No qualification is necessary.

The MS/MSD performed on sample PE75_18 exhibited a RPD above the control limit for perfluoro-3-methoxypropanoic acid (PFMPA) (46%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

24J1755

The LCS for batch BJ42001-BS2 exhibited a percent recovery above the UCL for perfluoro-4-methoxybutanoic acid (PFMBA) (165%). The associated results are non-detect. No qualification is necessary.

Herbicides by SW-846 Method 8151A

24J0297

The MS and/or MSD performed on sample PE47_17.5 exhibited percent recoveries (121%) and/or RPDs (44.6% - 60.4%) outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

24J0555

The sample PE53_19.0 exhibited a percent recovery below the LCL for the surrogate 2,4-dichlorophenylacetic acid (105%). The sample was diluted >10X. No qualification is necessary.

24J0883

The LCS for batch BJ40954 exhibited percent recoveries above the UCL for 2,4,5-TP (131%), 2,4,5-trichlorophenoxy-acetic acid (121%), and 2,4-D (122%). The associated results are non-detect. No qualification is necessary.

24J1567

The MS and/or MSD performed on sample PE75_18 exhibited percent recoveries (60% - 20600%) and RPDs (122% - 128%) outside of control limits for one or more analytes. Organic results are not qualified on the basis of MS/MSD recoveries or RPDs alone. No qualification is necessary.

PCBs by SW-846 Method 8082A

24J0555

The sample PE53_19.0 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (29%). The sample was diluted >10X. No qualification is necessary.

24J0664

The MS/MSD performed on sample PE70_18 exhibited a percent recovery below the LCL for PCB-1016 (16%, 20.3%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

24J2128

The sample PE72_16 exhibited a percent recovery above the UCL for the surrogate 2,4,5,6-tetrachloro-meta-xylene (124%). The associated results are non-detect. No qualification is necessary.

Pesticides by SW-846 Method 8081B

24J0555

The samples PE44_20.0, PE45_19.5, PE53_19.0, and PE62_18.0 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (28% - 29.7%). The sample was diluted >10X. No qualification is necessary.

24J1471

The samples DUP_10222024 and PE68_20 exhibited a percent recovery above the UCL for the surrogate tetrachloro-m-xylene [2C] (416% and 239%, respectively). No associated results are reported from the corresponding column. No qualification is necessary.

24J1567

The MS/MSD performed on sample PE75_18 exhibited a percent recoveries outside control limits for heptachlor (259%, 85.5%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

Metals by SW-846 Method 6010D/7473

24J0297

The MB for batch BJ40383 exhibited a detection of calcium (18.3 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

The MS performed on sample PE47_17.5 exhibited percent recoveries outside control limits for aluminum (216%), iron (921%), magnesium (289%), and potassium (51.7%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

The MS performed on sample PE47_17.5 exhibited a percent recovery above the UCL for sodium (257%). The associated results are non-detect. No qualification is necessary.

The LCS for batch BJ40383 exhibited percent recoveries above the UCL for beryllium (111%) and sodium (293%). The associated results are non-detect. No qualification is necessary.

The LCS for batch BJ40466 exhibited a percent recovery above the UCL for sodium (141%). The associated results are non-detect. No qualification is necessary.

24J0369

The MB for batch BJ40606 exhibited a detection of lead (0.612 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

The MS performed on sample PE63_17 exhibited percent recoveries below the LCL for aluminum (-263%), iron (-898%), magnesium (-292%), and potassium (45.8%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

24J1567

The MS performed on sample PE75_18 exhibited percent recoveries outside control limit for aluminum (-214%), potassium (-0.93%), magnesium (302%), calcium (5660%), and iron (10600%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

24J1755

The MB for batch BJ41993 exhibited a detection of calcium (9.85 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

24J2128

The MB for batch BK40101 exhibited a detection of potassium (5.38 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

The MS performed on sample PE77_16 exhibited percent recoveries above the UCL for aluminum (348%), iron (521%), magnesium (1320%), and potassium (130%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

FIELD DUPLICATES:

One field duplicate and parent sample pair was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±2X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 50% for soil. The following field duplicate and parent sample pair was compared to the precision criteria:

- DUP_10222024 and PE68_20

The field duplicate and parent sample (DUP_10222024 and PE68_20) exhibited RPDs above the control limit for barium (51.3%), lead (140.4%), and zinc (63.8%). The associated results are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (DUP_10222024 and PE68_20) exhibited absolute differences above the RL for fluoranthene (0.1895 mg/kg), phenanthrene (0.1815 mg/kg), and pyrene (0.1895 mg/kg). The associated results are qualified as J or UJ because of potential indeterminate bias.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above.If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

Mariana Wissink
Senior Staff Chemist

Data Usability Summary Report
For 12096 Flatlands Avenue
October 2024 Soil Samples
Table 1: Sample Summary

		Analytical Parameters		VOCs	SVOCs and SVOC SIM		PFAS	Herbicides	PCBs
SDG	**Lab Sample ID**	**Client ID**	**Sample Date**	SW8260	SW8270	SW8270DSIM	E1633	SW8151	SW8082
24J0883	24J0883-02	EB_10112024	10/11/2024				x		
24J0883	24J0883-01	PE48_16.5	10/11/2024	x	x	x	x	x	x
24J0883	24J0883-03	TB_10112024	10/11/2024	x					
24J0297	24J0297-01	PE47_17.5	10/3/2024	x	x	x	x	x	x
24J0297	24J0297-02	PE55_17	10/3/2024	x	x	x	x	x	x
24J0297	24J0297-03	TB_10032024	10/3/2024	x					
24J0441	24J0441-01	PE37_19.5	10/7/2024	x	x	x	x	x	x
24J0441	24J0441-03	TB_10072024	10/7/2024	x					
24J0664	24J0664-01	PE61_19	10/9/2024	x	x	x	x	x	x
24J0664	24J0664-02	PE64_16	10/9/2024	x	x	x	x	x	x
24J0664	24J0664-03	PE70_18	10/9/2024	x	x	x	x	x	x
24J0664	24J0664-05	TB_10092024	10/9/2024	x					
24J0555	24J0555-01	PE44_20.0	10/8/2024	x	x	x	x	x	x
24J0555	24J0555-02	PE45_19.5	10/8/2024	x	x	x	x	x	x
24J0555	24J0555-03	PE53_19.0	10/8/2024	x	x	x	x	x	x
24J0555	24J0555-04	PE62_18.0	10/8/2024	x	x	x	x	x	x
24J0555	24J0555-06	TB_10082024	10/8/2024	x					
24J1471	24J1471-04	DUP_10222024	10/22/2024	x	x	x	x	x	x
24J1471	24J1471-01	PE67_20.5	10/22/2024	x	x	x	x	x	x
24J1471	24J1471-02	PE68_20	10/22/2024	x	x	x	x	x	x
24J1471	24J1471-03	PE69_19.5	10/22/2024	x	x	x	x	x	x
24J1471	24J1471-06	TB_10222024	10/22/2024	x					
24J1650	24J1650-02	FB_10242024	10/24/2024	x	x	x	x	x	x
24J1650	24J1650-01	PE56_15.5	10/24/2024	x	x	x	x	x	x
24J1650	24J1650-04	TB_10242024	10/24/2024	x					
24J1755	24J1755-01	PE65_22	10/25/2024	x	x	x	x	x	x
24J1755	24J1755-02	PE66_21	10/25/2024	x	x	x	x	x	x
24J1755	24J1755-03	PE73_21.5	10/25/2024	x	x	x	x	x	x
24J1755	24J1755-05	TB_10252024	10/25/2024	x					

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Table 1: Sample Summary

		Analytical Parameters		VOCs	SVOCs and SVOC SIM		PFAS	Herbicides	PCBs
SDG	**Lab Sample ID**	**Client ID**	**Sample Date**	SW8260	SW8270	SW8270DSIM	E1633	SW8151	SW8082
24J1567	24J1567-01	PE74_19	10/23/2024	x	x	x	x	x	x
24J1567	24J1567-02	PE75_18	10/23/2024	x	x	x	x	x	x
24J1567	24J1567-04	TB_10232024	10/23/2024	x					
24J0369	24J0369-05	FB_10042024	10/4/2024	x	x	x	x	x	x
24J0369	24J0369-01	PE46_17.5	10/4/2024	x	x	x	x	x	x
24J0369	24J0369-02	PE54_18	10/4/2024	x	x	x	x	x	x
24J0369	24J0369-03	PE63_17	10/4/2024	x	x	x	x	x	x
24J0369	24J0369-04	PE71_17	10/4/2024	x	x	x	x	x	x
24J0369	24J0369-07	TB_10042024	10/4/2024	x					
24J2128	24J2128-03	PE72_16	10/31/2024	x	x	x	x	x	x
24J2128	24J2128-04	PE76_17	10/31/2024	x	x	x	x	x	x
24J2128	24J2128-05	PE77_16	10/31/2024	x	x	x	x	x	x
24J2128	24J2128-01	TB_10312024	10/31/2024	x					

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Table 1: Sample Summary

		Analytical Parameters		Pesticides	Metals				Cyanide	
SDG	**Lab Sample ID**	**Client ID**	**Sample Date**	SW8081	SW6010	SW6020	SW7473	SW7470	SM4500	SM4500-CN
24J0883	24J0883-02	EB_10112024	10/11/2024							
24J0883	24J0883-01	PE48_16.5	10/11/2024	x	x		x		x	
24J0883	24J0883-03	TB_10112024	10/11/2024							
24J0297	24J0297-01	PE47_17.5	10/3/2024	x	x		x			x
24J0297	24J0297-02	PE55_17	10/3/2024	x	x		x			x
24J0297	24J0297-03	TB_10032024	10/3/2024							
24J0441	24J0441-01	PE37_19.5	10/7/2024	x	x		x			x
24J0441	24J0441-03	TB_10072024	10/7/2024							
24J0664	24J0664-01	PE61_19	10/9/2024	x	x		x		x	
24J0664	24J0664-02	PE64_16	10/9/2024	x	x		x		x	
24J0664	24J0664-03	PE70_18	10/9/2024	x	x		x		x	
24J0664	24J0664-05	TB_10092024	10/9/2024							
24J0555	24J0555-01	PE44_20.0	10/8/2024	x	x		x			x
24J0555	24J0555-02	PE45_19.5	10/8/2024	x	x		x			x
24J0555	24J0555-03	PE53_19.0	10/8/2024	x	x		x			x
24J0555	24J0555-04	PE62_18.0	10/8/2024	x	x		x			x
24J0555	24J0555-06	TB_10082024	10/8/2024							
24J1471	24J1471-04	DUP_10222024	10/22/2024	x	x		x			x
24J1471	24J1471-01	PE67_20.5	10/22/2024	x	x		x			x
24J1471	24J1471-02	PE68_20	10/22/2024	x	x		x			x
24J1471	24J1471-03	PE69_19.5	10/22/2024	x	x		x			x
24J1471	24J1471-06	TB_10222024	10/22/2024							
24J1650	24J1650-02	FB_10242024	10/24/2024	x	x	x		x	x	
24J1650	24J1650-01	PE56_15.5	10/24/2024	x	x		x		x	
24J1650	24J1650-04	TB_10242024	10/24/2024							
24J1755	24J1755-01	PE65_22	10/25/2024	x	x		x		x	
24J1755	24J1755-02	PE66_21	10/25/2024	x	x		x		x	
24J1755	24J1755-03	PE73_21.5	10/25/2024	x	x		x		x	
24J1755	24J1755-05	TB_10252024	10/25/2024							

Data Usability Summary Report
For 12096 Flatlands Avenue
October 2024 Soil Samples
Table 1: Sample Summary

		Analytical Parameters		Pesticides	Metals				Cyanide	
SDG	**Lab Sample ID**	**Client ID**	**Sample Date**	SW8081	SW6010	SW6020	SW7473	SW7470	SM4500	SM4500-CN
24J1567	24J1567-01	PE74_19	10/23/2024	x	x		x			x
24J1567	24J1567-02	PE75_18	10/23/2024	x	x		x			x
24J1567	24J1567-04	TB_10232024	10/23/2024							
24J0369	24J0369-05	FB_10042024	10/4/2024	x	x			x		x
24J0369	24J0369-01	PE46_17.5	10/4/2024	x	x		x			x
24J0369	24J0369-02	PE54_18	10/4/2024	x	x		x			x
24J0369	24J0369-03	PE63_17	10/4/2024	x	x		x			x
24J0369	24J0369-04	PE71_17	10/4/2024	x	x		x			x
24J0369	24J0369-07	TB_10042024	10/4/2024							
24J2128	24J2128-03	PE72_16	10/31/2024	x	x		x			x
24J2128	24J2128-04	PE76_17	10/31/2024	x	x		x			x
24J2128	24J2128-05	PE77_16	10/31/2024	x	x		x			x
24J2128	24J2128-01	TB_10312024	10/31/2024							

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Table 1: Sample Summary

			Analytical Parameters	Hexavalent Chromium	Trivalent Chromium
SDG	**Lab Sample ID**	**Client ID**	**Sample Date**	SW7196	CALC
24J0883	24J0883-02	EB_10112024	10/11/2024		
24J0883	24J0883-01	PE48_16.5	10/11/2024	x	x
24J0883	24J0883-03	TB_10112024	10/11/2024		
24J0297	24J0297-01	PE47_17.5	10/3/2024	x	x
24J0297	24J0297-02	PE55_17	10/3/2024	x	x
24J0297	24J0297-03	TB_10032024	10/3/2024		
24J0441	24J0441-01	PE37_19.5	10/7/2024	x	x
24J0441	24J0441-03	TB_10072024	10/7/2024		
24J0664	24J0664-01	PE61_19	10/9/2024	x	x
24J0664	24J0664-02	PE64_16	10/9/2024	x	x
24J0664	24J0664-03	PE70_18	10/9/2024	x	x
24J0664	24J0664-05	TB_10092024	10/9/2024		
24J0555	24J0555-01	PE44_20.0	10/8/2024	x	x
24J0555	24J0555-02	PE45_19.5	10/8/2024	x	x
24J0555	24J0555-03	PE53_19.0	10/8/2024	x	x
24J0555	24J0555-04	PE62_18.0	10/8/2024	x	x
24J0555	24J0555-06	TB_10082024	10/8/2024		
24J1471	24J1471-04	DUP_10222024	10/22/2024	x	x
24J1471	24J1471-01	PE67_20.5	10/22/2024	x	x
24J1471	24J1471-02	PE68_20	10/22/2024	x	x
24J1471	24J1471-03	PE69_19.5	10/22/2024	x	x
24J1471	24J1471-06	TB_10222024	10/22/2024		
24J1650	24J1650-02	FB_10242024	10/24/2024	x	x
24J1650	24J1650-01	PE56_15.5	10/24/2024	x	x
24J1650	24J1650-04	TB_10242024	10/24/2024		
24J1755	24J1755-01	PE65_22	10/25/2024	x	x
24J1755	24J1755-02	PE66_21	10/25/2024	x	x
24J1755	24J1755-03	PE73_21.5	10/25/2024	x	x
24J1755	24J1755-05	TB_10252024	10/25/2024		

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Table 1: Sample Summary

			Analytical Parameters	Hexavalent Chromium	Trivalent Chromium
SDG	**Lab Sample ID**	**Client ID**	**Sample Date**	SW7196	CALC
24J1567	24J1567-01	PE74_19	10/23/2024	x	x
24J1567	24J1567-02	PE75_18	10/23/2024	x	x
24J1567	24J1567-04	TB_10232024	10/23/2024		
24J0369	24J0369-05	FB_10042024	10/4/2024	x	x
24J0369	24J0369-01	PE46_17.5	10/4/2024	x	x
24J0369	24J0369-02	PE54_18	10/4/2024	x	x
24J0369	24J0369-03	PE63_17	10/4/2024	x	x
24J0369	24J0369-04	PE71_17	10/4/2024	x	x
24J0369	24J0369-07	TB_10042024	10/4/2024		
24J2128	24J2128-03	PE72_16	10/31/2024	x	x
24J2128	24J2128-04	PE76_17	10/31/2024	x	x
24J2128	24J2128-05	PE77_16	10/31/2024	x	x
24J2128	24J2128-01	TB_10312024	10/31/2024		

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Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/Dissolved	Analyte	Validator Qualifier
S4J1728	PE48_16.5	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
S4J1728	PE48_16.5	SW6010	2023695	NA	Potassium	J
S4J1728	PE48_16.5	SW6010	7440-23-5	NA	Sodium	J
S4J1728	PE48_16.5	SW8260	107-02-8	NA	Acrolein	UJ
S4J1728	PE48_16.5	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
BJ40322	PE47_17.5	E1633	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
BJ40322	PE55_17	E1633	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
BJ40322	PE47_17.5	SW6010	7439-92-1	NA	Lead	J
BJ40322	PE47_17.5	SW6010	7440-22-4	NA	Silver	UJ
BJ40322	PE47_17.5	SW6010	7440-36-0	NA	Antimony	UJ
BJ40322	PE47_17.5	SW7196	18540-29-9	NA	Chromium, Hexavalent	UJ
BJ40322	PE47_17.5	SW8260	107-02-8	NA	Acrolein	UJ
BJ40322	PE47_17.5	SW8260	75-65-0	NA	Tert-Butyl Alcohol	J
BJ40322	PE55_17	SW6010	7440-22-4	NA	Silver	UJ
BJ40322	PE55_17	SW8260	107-02-8	NA	Acrolein	UJ
BJ40322	PE55_17	SW8260	75-65-0	NA	Tert-Butyl Alcohol	J
S4J0942	PE37_19.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4J0942	PE37_19.5	SW8260	107-02-8	NA	Acrolein	UJ
S4J0942	PE37_19.5	SW8260	98-06-6	NA	T-Butylbenzene	UJ
S4J1522	PE61_19	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4J1522	PE61_19	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4J1522	PE61_19	SW6010	7440-23-5	NA	Sodium	J
S4J1522	PE61_19	SW8260	107-02-8	NA	Acrolein	UJ
S4J1522	PE64_16	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
S4J1522	PE64_16	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4J1522	PE64_16	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4J1522	PE64_16	SW6010	7440-23-5	NA	Sodium	J
S4J1522	PE64_16	SW8260	107-02-8	NA	Acrolein	UJ
S4J1522	PE70_18	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4J1522	PE70_18	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
S4J1522	PE70_18	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
S4J1522	PE70_18	SW6010	7440-23-5	NA	Sodium	J
S4J1522	PE70_18	SW8260	107-02-8	NA	Acrolein	UJ
BJ40554	PE44_20.0	E1633	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	UJ
BJ40554	PE44_20.0	E1633	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
BJ40554	PE44_20.0	E1633	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	UJ
BJ40554	PE44_20.0	E1633	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	UJ
BJ40554	PE44_20.0	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BJ40554	PE44_20.0	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BJ40554	PE44_20.0	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BJ40554	PE44_20.0	SW8270	65-85-0	NA	Benzoic Acid	UJ
BJ40554	PE45_19.5	E1633	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
BJ40554	PE45_19.5	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BJ40554	PE45_19.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BJ40554	PE45_19.5	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BJ40554	PE45_19.5	SW8270	65-85-0	NA	Benzoic Acid	UJ
BJ40554	PE53_19.0	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BJ40554	PE53_19.0	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BJ40554	PE53_19.0	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BJ40554	PE53_19.0	SW8081	50-29-3	NA	P,P'-DDT	J
BJ40554	PE53_19.0	SW8082	12672-29-6	NA	PCB-1248 (Aroclor 1248)	J
BJ40554	PE53_19.0	SW8082	1336-36-3	NA	Polychlorinated Biphenyl (PCBs)	J
BJ40554	PE53_19.0	SW8270	65-85-0	NA	Benzoic Acid	UJ
BJ40554	PE44_20.0	SW8260	107-02-8	NA	Acrolein	UJ
BJ40554	PE45_19.5	SW8260	107-02-8	NA	Acrolein	UJ
BJ40554	PE62_18.0	E1633	335-67-1	NA	Perfluorooctanoic acid (PFOA)	UJ
BJ40554	PE62_18.0	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ

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Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/Dissolved	Analyte	Validator Qualifier
BJ40554	PE62_18.0	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BJ40554	PE62_18.0	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
BJ40554	PE62_18.0	E1633	919005-14-4	NA	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	UJ
BJ40554	PE53_19.0	SW8260	107-02-8	NA	Acrolein	UJ
BJ40554	PE62_18.0	SW8260	107-02-8	NA	Acrolein	UJ
BJ40554	PE62_18.0	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
BJ41520	DUP_10222024	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
BJ41520	DUP_10222024	SW8270	206-44-0	NA	Fluoranthene	UJ
BJ41520	DUP_10222024	SW8270	85-01-8	NA	Phenanthrene	UJ
BJ41520	DUP_10222024	SW8270	129-00-0	NA	Pyrene	UJ
BJ41520	DUP_10222024	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BJ41520	DUP_10222024	SW6010	7440-39-3	NA	Barium	J
BJ41520	PE68_20	SW6010	7440-39-3	NA	Barium	J
BJ41520	PE68_20	SW8270	206-44-0	NA	Fluoranthene	J
BJ41520	DUP_10222024	SW8260	107-02-8	NA	Acrolein	UJ
BJ41520	DUP_10222024	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BJ41520	PE67_20.5	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BJ41520	PE67_20.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BJ41520	PE67_20.5	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
BJ41520	PE67_20.5	SW8260	107-02-8	NA	Acrolein	UJ
BJ41520	PE68_20	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
BJ41520	PE68_20	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BJ41520	PE68_20	SW8260	107-02-8	NA	Acrolein	UJ
BJ41520	DUP_10222024	SW6010	7439-92-1	NA	Lead	J
BJ41520	PE68_20	SW6010	7439-92-1	NA	Lead	J
BJ41520	PE68_20	SW8270	85-01-8	NA	Phenanthrene	J
BJ41520	PE68_20	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BJ41520	PE68_20	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BJ41520	PE68_20	SW8270	129-00-0	NA	Pyrene	J
BJ41520	DUP_10222024	SW6010	7440-66-6	NA	Zinc	J
BJ41520	PE68_20	SW6010	7440-66-6	NA	Zinc	J
BJ41520	PE69_19.5	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BJ41520	PE69_19.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BJ41520	PE69_19.5	SW8260	107-02-8	NA	Acrolein	UJ
BJ41520	PE69_19.5	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
BJ41702	PE56_15.5	E1633	4151-50-2	NA	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	UJ
BJ41702	PE56_15.5	SW7196	18540-29-9	NA	Chromium, Hexavalent	UJ
BJ41702	PE56_15.5	SW8260	107-02-8	NA	Acrolein	UJ
BJ41702	PE56_15.5	SW6010	7440-23-5	NA	Sodium	J
BJ41896	PE65_22	SW8260	107-02-8	NA	Acrolein	UJ
BJ41896	PE66_21	SW8260	107-02-8	NA	Acrolein	UJ
BJ41896	PE73_21.5	SW8260	107-02-8	NA	Acrolein	UJ
BJ41896	PE65_22	SW8260	74-83-9	NA	Bromomethane	UJ
BJ41896	PE66_21	SW8260	74-83-9	NA	Bromomethane	UJ
BJ41896	PE73_21.5	SW8260	74-83-9	NA	Bromomethane	UJ
BJ41896	PE65_22	SW8260	67-64-1	NA	Acetone	J
BJ41896	PE65_22	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
BJ41896	PE65_22	SW8270	100-01-6	NA	4-Nitroaniline	UJ
BJ41896	PE65_22	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
BJ41896	PE65_22	SW8270	534-52-1	NA	4,6-Dinitro-2-Methylphenol	UJ
BJ41896	PE65_22	SW8270	77-47-4	NA	Hexachlorocyclopentadiene	UJ
BJ41896	PE65_22	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BJ41896	PE65_22	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BJ41896	PE65_22	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BJ41896	PE66_21	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BJ41896	PE66_21	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BJ41896	PE66_21	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ

Data Usability Summary Report
For 12096 Flatlands Avenue
October 2024 Soil Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/Dissolved	Analyte	Validator Qualifier
BJ41896	PE66_21	SW8270	100-01-6	NA	4-Nitroaniline	UJ
BJ41896	PE66_21	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
BJ41896	PE66_21	SW8270	534-52-1	NA	4,6-Dinitro-2-Methylphenol	UJ
BJ41896	PE66_21	SW8270	77-47-4	NA	Hexachlorocyclopentadiene	UJ
BJ41896	PE73_21.5	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
BJ41896	PE66_21	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BJ41896	PE73_21.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
BJ41896	PE73_21.5	SW8260	67-64-1	NA	Acetone	J
BJ41896	PE73_21.5	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
BJ41896	PE73_21.5	SW8270	100-01-6	NA	4-Nitroaniline	UJ
BJ41896	PE73_21.5	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
BJ41896	PE73_21.5	SW8270	534-52-1	NA	4,6-Dinitro-2-Methylphenol	UJ
BJ41896	PE73_21.5	SW8270	77-47-4	NA	Hexachlorocyclopentadiene	UJ
S4J2828	PE74_19	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
S4J2828	PE74_19	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4J2828	PE74_19	SW8260	107-02-8	NA	Acrolein	UJ
S4J2828	PE74_19	SW8270	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	U(0.09)
S4J2828	PE75_18	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
S4J2828	PE75_18	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
S4J2828	PE75_18	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
S4J2828	PE75_18	SM4500-CN	57-12-5	NA	Cyanide	UJ
S4J2828	PE75_18	SW6010	7439-92-1	NA	Lead	J
S4J2828	PE75_18	SW6010	7439-96-5	NA	Manganese	J
S4J2828	PE75_18	SW6010	7440-23-5	NA	Sodium	J
S4J2828	PE75_18	SW6010	7440-36-0	NA	Antimony	UJ
S4J2828	PE75_18	SW6010	7440-66-6	NA	Zinc	J
S4J2828	PE75_18	SW7473	7439-97-6	NA	Mercury	J
S4J2828	PE75_18	SW8260	107-02-8	NA	Acrolein	UJ
BJ40357	PE46_17.5	E1633	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
BJ40357	PE46_17.5	E1633	335-76-2	NA	Perfluorodecanoic acid (PFDA)	UJ
BJ40357	PE46_17.5	SW6010	2023695	NA	Potassium	J
BJ40357	PE46_17.5	SW6010	7440-22-4	NA	Silver	UJ
BJ40357	PE46_17.5	SW6010	7440-23-5	NA	Sodium	J
BJ40357	PE46_17.5	SW8260	107-02-8	NA	Acrolein	UJ
BJ40357	PE46_17.5	SW8260	98-06-6	NA	T-Butylbenzene	UJ
BJ40357	PE54_18	SW6010	2023695	NA	Potassium	J
BJ40357	PE54_18	SW6010	7440-22-4	NA	Silver	UJ
BJ40357	PE54_18	SW6010	7440-23-5	NA	Sodium	U(55.7)
BJ40357	PE54_18	SW8260	107-02-8	NA	Acrolein	UJ
BJ40357	PE54_18	SW8260	98-06-6	NA	T-Butylbenzene	UJ
BJ40357	PE63_17	SW6010	2023695	NA	Potassium	J
BJ40357	PE63_17	SW6010	7440-22-4	NA	Silver	UJ
BJ40357	PE63_17	SW6010	7440-23-5	NA	Sodium	J
BJ40357	PE63_17	SW6010	7440-36-0	NA	Antimony	UJ
BJ40357	PE63_17	SW8260	107-02-8	NA	Acrolein	UJ
BJ40357	PE63_17	SW8260	98-06-6	NA	T-Butylbenzene	UJ
BJ40357	PE71_17	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BJ40357	PE71_17	SW6010	2023695	NA	Potassium	J
BJ40357	PE71_17	SW6010	7440-23-5	NA	Sodium	U(65.7)
BJ40357	PE71_17	SW8260	107-02-8	NA	Acrolein	UJ
BJ40357	PE71_17	SW8260	98-06-6	NA	T-Butylbenzene	UJ
BK40012	PE72_16	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
BK40012	PE72_16	SW8260	67-64-1	NA	Acetone	J
BK40012	PE76_17	SW8260	67-64-1	NA	Acetone	U(0.014)
BK40012	PE77_16	SW6010	7440-36-0	NA	Antimony	UJ
BK40012	PE77_16	SW8260	67-64-1	NA	Acetone	U(0.0093)

APPENDIX N

Imported Materials Scale Tickets

Submitted Under Separate Cover

LANGAN

APPENDIX O

Imported Materials Facility Documentation

Submitted Under Separate Cover

LANGAN

APPENDIX P

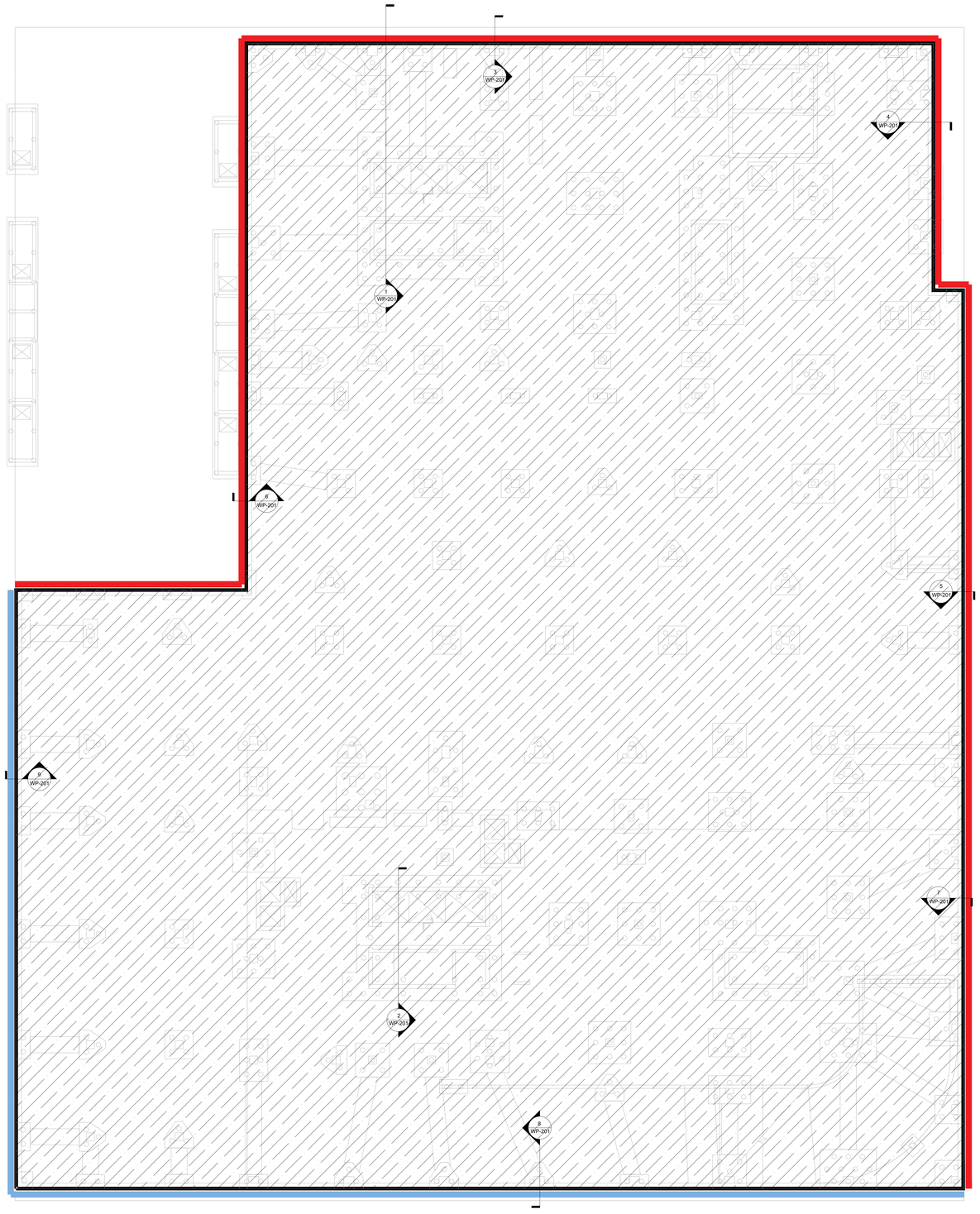
Vapor Barrier Membrane System Specifications

LANGAN

UNDER SLAB
PREPRUFE 300 4

PREPRUFE 160 R +
DRAINAGE BOARD + 2"
R10 INSULATION

BITUTHENE 4000 +
DRAINAGE BOARD +2"
R10 INSULATION



1 FOUNDATION AND CELLAR OVERALL PLAN
SCALE: 3/32" = 1'-0"

REF: FD-100

UNITED CONCRETE

12096 FLATLANDS AVENUE BROOKLYN, NY

OWNER:

CHRISTIAN CULTURAL CENTER, INC.
12020 FLATLANDS AVENUE
BROOKLYN, NY 11207

ARCHITECT:

SLCE ARCHITECTS
1359 BROADWAY,
NEW YORK, NY 10018

FOUNDATION CONTRACTOR:

UNITED CONCRETE, LLC
213 20th Street Suite 18
Brooklyn, NY 11232
P (347)725-4711
F (347)518-4854

LEGEND:

ISSUE DATE:

1	07/15/24	SUBMISSION #1

DRAWING TITLE:

PLAN

SCALE: AS NOTED

SHEET NUMBER:

WP-101

Mindbook Corporation, Inc. RECEIVED 7/15/2024
Approved Construction Documents - Not for Construction

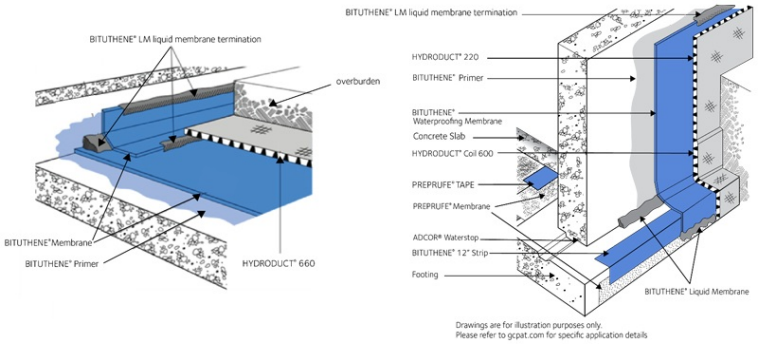
BITUTHENE® 4000 System Data Sheet

Membrane and Surface Conditioner System

Product Description

GCP Applied Technologies' ("GCP") BITUTHENE® 4000 system combines a robust, flexible, pre-formed membrane made of a high performance, cross laminated, HDPE carrier film with a tacky, self-adhesive rubberized asphalt compound and BITUTHENE® 4000 surface conditioner.

BITUTHENE® 4000 surface conditioner is water-based primer that is specifically formulated to promote adhesion by binding dust and concrete efflorescence to help provide a suitable surface for the BITUTHENE® 4000 waterproofing membrane. For convenience, BITUTHENE® 4000 surface conditioner is packaged inside each roll of BITUTHENE® 4000 membrane.



Product Advantages

- Provides a barrier to water, moisture and gas — physically isolating the structure from the surrounding substrate
- Excellent adhesion — Special adhesive compound engineered for use with BITUTHENE® 4000 surface conditioner
- Cross-laminated, high density polyethylene carrier film provides high tear strength, puncture and impact resistance
- Cold applied — Simple application to substrates, including low temperature applications
- Reduced inventory and handling costs due to the inclusion of primer in the packaging
- Wide application temperature range — Excellent bond at temperatures as low as 25°F (-4°C)
- Designed to accommodate a wide range of building configurations and details
- RIPCORD® integrated filament —Split release on demand feature allows for ease of installation in detailed areas

System Components

Membrane

BITUTHENE® 4000 membrane – Self-adhered, rubberized asphalt waterproofing membrane

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Ancillary components (Data sheets for all system components are available at gcpat.com.)

- BITUTHENE® 4000 surface conditioner – Water-based latex primer adhesive with added alcohol to allow application at low temperatures
- BITUTHENE® B2 LVC adhesive primer - Low VOC, solvent-based primer to increase adhesion of the BITUTHENE® 4000 membrane to concrete surfaces
- BITUTHENE® LM liquid membrane – Two-component, elastomeric, liquid-applied detailing compound
- BITUTHENE® mastic – Rubberized, asphalt-based mastic
- PREPRUFE® Detail Tape – Double-sided self-adhesive tape
- HYDRODUCT® drainage composite – High impact and creep-resistant geo-composite and protection layer
- BITUTHENE® Deck Prep surface treatment – Surface leveler for application to uneven or rough concrete surfaces

Limitations of Use

- The BITUTHENE® 4000 membrane and BITUTHENE® 4000 surface conditioner are specifically designed for use as detailed in this product data sheet, and are not intended for any other use. Contact GCP Technical Support if any other use is anticipated or intended.
- The BITUTHENE® 4000 membrane is designed for waterproofing surfaces where in-service temperatures will not exceed 130°F (54°C).
- Do not use BITUTHENE® mastic to terminate the BITUTHENE® 4000 membrane to PREPRUFE® pre-applied waterproofing systems. Terminations to PREPRUFE® membranes should only be done with BITUTHENE® LM liquid membrane.

Special note: When this information is printed from the gcpat.com global website, a footer appearing on this document may contain wording restricting its applicability to the United States. Note that the information and references in this document also apply to North, Central and South America.

Safety and Handling Information

Read and understand the product label and safety data sheet (SDS) for each system component. All users should acquaint themselves with this information prior to working with the products and follow the precautionary statements. SDSs can be obtained by contacting your local GCP representative or office, by calling GCP toll free at 1-866-333-3SBM (3726) and in some cases from our website at gcpat.com.

Storage

All BITUTHENE® 4000 membranes can be stored horizontally inside the box. Storage temperatures should not be below 25°F (-4°C) and should not exceed 90°F (32°C).

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Installation

Technical Support, Details, and Technical Letters

The most up-to-date detail drawings and technical letters are available at gcpat.com. For complete application instructions, please refer to the current GCP Applied Technologies Contractor Handbook and Literature at www.gcpat.com. Documents in hardcopy as well as information found on websites other than www.gcpat.com may be out of date or in error. Before using this product, it is important that information be confirmed by accessing www.gcpat.com and reviewing the most recent product information, including and not limited to product data sheets and contractor manuals, technical bulletins, detail drawings and detailing recommendations. Please review all materials prior to installation of BITUTHENE® 4000 membranes. For technical assistance with detailing and problem solving, please call toll-free at (866) 333-3SBM (3726).

Temperature

- Apply BITUTHENE® 4000 membranes and BITUTHENE® surface conditioner only in dry weather and when air and surface temperatures are 25°F (-4°C) or above.
- BITUTHENE® B2 LVC adhesive primer and BITUTHENE® 4000 surface conditioner should only be applied in dry weather when the temperature is above 25°F (-4°C). See separate product information sheets and applicable application instructions.

Surface Preparation

Surfaces must be structurally sound and free of voids, spalled areas, loose aggregate and sharp protrusions. Remove contaminants such as grease, oil and wax from exposed surfaces. Remove dust, dirt, loose stone and debris. Concrete must be properly cured (minimum seven-days for normal weight structural concrete and 14 days for lightweight structural concrete). For horizontal applications, double the above cure times of concrete if placed over non-vented decks. Certain conditions, such as unusually wet weather or late removal of forms, may require longer dry times.

Dry weather application of BITUTHENE® 4000 membranes and BITUTHENE® 4000 surface conditioner is preferred. On vertical applications, if time is critical and damp conditions are unavoidable, BITUTHENE® B2 LVC adhesive primer may be used in place of BITUTHENE® surface conditioner. The use of BITUTHENE® B2 LVC adhesive primer may allow priming and installation of BITUTHENE® 4000 membranes on damp surfaces or green concrete. When using BITUTHENE® B2 LVC adhesive primer, priming may begin as soon as the concrete will maintain structural integrity.

Only use form release agents that will not transfer to the concrete. Remove forms as soon as possible from below horizontal slabs to prevent entrapment of excess moisture. Excess moisture may lead to blistering of the membrane.

Cure concrete with clear, resin-based curing compounds that do not contain oil, wax or pigment. See Technical Letter 5, Curing Compounds and Form Release Agents. Before application of BITUTHENE® surface conditioner and BITUTHENE® 4000 membranes, allow concrete to thoroughly dry following any rain (except with BITUTHENE® B2 LVC adhesive primer as noted above). Do not apply any products to frozen concrete.

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Repair substrate defects such as spalled or poorly consolidated areas. Remove sharp protrusions and form match lines. For rough or uneven deck surfaces, use BITUTHENE® Deck Prep surface treatment as a repair and leveling agent. See BITUTHENE® Deck Prep surface treatment product information sheet for details. On masonry surfaces such as rough concrete block and brick walls, apply a parge and trowel cut mortar joints flush to the face of the concrete blocks and bricks.

Surface Conditioning

BITUTHENE® 4000 surface conditioner is ready to use, and can be applied by spray or roller. For best results, use a pump-type air sprayer with a fan tip nozzle. Apply BITUTHENE® 4000 surface conditioner to clean, dry, frost- free surfaces at a coverage rate of 300 ft^2/gal (7.4 m^2/L). Coverage should be uniform. The surface conditioner should not be applied so heavily that it puddles or runs. Do not apply conditioner directly to BITUTHENE® 4000 membranes. Allow BITUTHENE® 4000 surface conditioner to dry until the substrate returns to its original (dry) color. At low temperatures or in high humidity conditions, dry time may be extended to greater than one hour.

BITUTHENE® 4000 surface conditioner is clear when dry and may remain slightly tacky. In general, conditioning should be limited to what can be covered within 24-hours. In situations where long dry times may prevail, substrates may be conditioned up to 24-hours in advance. Substrates must be reconditioned if dirt or dust accumulates on the conditioned surface. Tools should be cleaned with water before the surface conditioner dries.

Application on Horizontal Surfaces

Note: PREPRUFE® 300R and 300R Plus pre-applied membranes are strongly recommended and are the preferred products for below slab applications or for any application where the membrane is applied before concrete is poured. See PREPRUFE® membrane waterproofing product information sheets at gcpat.com.

All horizontal surfaces to receive BITUTHENE® 4000 membranes should be sloped to drain at least 1/8 in./ft. (11 mm/m). When a minimum slope of 1/8 in. /ft. (11 mm/m) cannot be achieved, two layers of BITUTHENE® 4000 membranes or 80-mils of BITUTHENE® Deck Prep surface treatment and one layer of BITUTHENE® 4000 membranes maybe an option. Contact your local GCP representative for more details.

Apply the membranes from the low point to the high point so that laps shed water. Overlap all seams at least 2.5 in. (65 mm). Stagger all end laps. Roll the entire membrane firmly, and completely as soon as possible. Use a linoleum roller or standard water-filled garden roller less than 30 in. (760 mm) wide, weighing a minimum of 75 lbs (34 kg) when filled. Cover the face of the roller with a “conforming” material such as 1/2 in. (13 mm) plastic foam sheeting or two wraps of indoor-outdoor carpet to allow the membrane to fully contact the primed substrate. Seal all T-joints and membrane terminations with BITUTHENE® LM liquid membrane by the end of the day of membrane application.

Application on Vertical Surfaces

Apply BITUTHENE® 4000 membranes in lengths up to 8 ft (2.5 m). Overlap all seams at least 2.5 in. (65 mm). On walls higher than eight feet, apply membranes in two or more “shingled” lifts, with the upper sheet overlapping the lower by at least 2.5 in. (65 mm). Roll all membranes with a hand roller.

Terminate the membranes at grade level. Press each membrane firmly to the wall with the butt end of a hardwood tool such as a hammer handle or secure into a reglet. Failure to use heavy pressure at terminations can result in a poor seal.

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All top-of-wall terminations should be sealed with BITUTHENE® LM liquid membrane or BITUTHENE® mastic. A termination bar may be used to ensure a tight seal. If the wall has been only partially covered by the end of the working day, apply a maximum ¼" bead of BITUTHENE® mastic tooled thin or BITUTHENE® LM liquid membrane along the exposed edges of the membrane at its temporary terminations to prevent vertical drainage of precipitation, which could undermining the membrane adhesion. Terminate the membranes at the base of the wall if the bottom of the interior floor slab is at least 6 in. (150 mm) above the footing.

Otherwise, use appropriate inside corner detail where the wall and footing meet. A 1/8 in. (3 mm) x 1 in. (25 mm) aluminum termination bar aligned with the top of the membrane is recommended for terminations on CMU, in earth covered decks and in earth-bermed applications where soil cannot be fully compacted. See technical letter 26 about BITUTHENE® membrane terminations for additional information.

Membrane Repairs

Patch tears and inadequately lapped seams with additional membrane. Clean any damaged membrane with a damp cloth and dry. Slit fish-mouths and repair with a patch extending 6 in. (150 mm) in all directions from the slit, and seal edges of the patch with BITUTHENE® LM liquid membrane. Inspect all membranes thoroughly before covering, and repair any damaged areas.

Drainage

HYDRODUCT® drainage composites are recommended for both active drainage and protection of the membranes. See HYDRODUCT® drainage composite product data sheet at gcpat.com.

Insulation

Always apply BITUTHENE® 4000 membranes directly to primed or conditioned structural substrates. Insulation, if used, must be applied over the membranes. Do not apply BITUTHENE® membranes over insulation or lightweight insulating concrete.

Flood Testing (Horizontal Surfaces Only)

Flood test all horizontal applications with a minimum 2 in. (51 mm) head of water for 24-hours. Mark any leaks and repair when the membrane is dry. Before flood testing, be sure the structure will withstand the dead load of the water. For highly sloped decks, segment the flood test to avoid excessively deep water near drains. Conduct the flood test 24-hours after completing the application of BITUTHENE® 4000 membranes. Immediately after flood testing is completed and all necessary repairs have been made, install HYDRODUCT® drainage composite to protect the BITUTHENE® membranes from damage by other trades.

As an alternate to flood testing, appropriate electronic leak detection may be used to check the integrity of the system.

Protection of Membrane

To prevent damage from other trades, construction materials or backfill, protect BITUTHENE® 4000 membranes immediately after application. To avoid potential blisters, place protection immediately where temperatures are above 77°F (25°C).

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- On vertical applications, use HYDRODUCT® 220 drainage composite. Adhere HYDRODUCT® 220 Drainage Composite to membranes with PREPRUFE® Detail Tape. Alternative methods of protection are to use nominal 1.0 lb/ft^3 (16kg/m^3), min. 1 in. (25 mm) extruded polystyrene or min.1/4 in. (6 mm) asphaltic hardboard. Such alternatives do not provide positive drainage to the system. If 1/4 in. (6 mm) extruded polystyrene protection board is used, backfill must not contain sharp rock or aggregate over 2 in. (50 mm) in diameter or any debris that might puncture the protection board and/or the membranes. See Technical 27 Letter Protection Courses used with GCP Waterproofing Systems for additional information.
- On horizontal applications, use HYDRODUCT® 660 Drainage Composite. Alternate methods of protection are to use 1 in (25 mm) extruded polystyrene or ¼" asphaltic hardboard.

Placing Steel

On horizontal applications when placing steel over properly protected membranes, use concrete bar supports (dobies) or chairs with plastic tips or rolled feet to prevent damage from sharp edges. Use special care when using wire mesh, especially if the mesh is curled.

Backfill

Place backfill as soon as possible. (See Protection of Membrane above) Use care during backfill operation to avoid damage to the waterproofing system. Follow generally accepted practices for backfilling and compaction. Backfill should be added and compacted in 6 in. (150 mm) to 12 in. (300 mm) lifts.

Approvals

- City of Los Angeles Research Report RR 24386 Miami-Dade County Code Report NOA 18-1109.01
- U.S. Department of Housing and Urban Development (HUD) HUD Materials Release 628j
- BITUTHENE® 4000 membranes carry a Underwriters' Laboratory Class A Fire Rating (Building Materials Directory (File TFGU.R7910) when used in either of the following constructions:
  1. Limited to noncombustible decks at inclines not exceeding 1/4 in. (6 mm) to the horizontal 1 ft (0.3 m). One layer of BITUTHENE® waterproofing membrane, followed by one-layer of 1/8 in. (3 mm) protection board, encased in 2 in. (50 mm) minimum concrete monolithic pour.
  2. Limited to noncombustible decks at inclines not exceeding 1/4 in. (6 mm) to the horizontal 1 ft (0.3 m). One layer of BITUTHENE® waterproofing membrane, followed by one layer of DOW styrofoam PD insulation board [2 in. (50 mm) thick]. This is covered with one layer of 2 ft x 2 ft x 2 in. (0.6 m x 0.6 m x 50 mm) of concrete paver topping.

Physical Properties for BITUTHENE® 4000 Membrane

PROPERTY	TYPICAL VALUE	TEST METHOD
Color	Dark gray-black	
Dimensions	3 ft x 66.7 ft roll (200 ft^2)	
Thickness	60 mils (1.5 mm) nominal	ASTM D3767—method A
Flexibility, 180° bend over 1 in. (25 mm) mandrel at -25°F (-32°C)	Unaffected	ASTM D1970

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Tensile strength, Membrane, die C	325 psi (2240 kPa) minimum	ASTM D412[1]
Tensile strength, film	5,000 psi (34.5 MPa) minimum	ASTM D882[1]
Elongation, ultimate failure of rubberized asphalt	300% minimum	ASTM D412[1]
Crack cycling at -25°F (-32°C), 100 cycles	Unaffected	ASTM C836
Lap shear	20 lbs (89 N)	ASTM D1002[2]
Peel strength	11 lbs/in. (1926 N/m)	ASTM D903[4]
Puncture resistance, Membrane	50 lbs (222 N) minimum	ASTM E154
Resistance to hydrostatic head	230 ft (70m) of water	ASTM D5385
Permeance	<0.1 perms	ASTM E96, section 12—water method
Water absorption	<0.1%	ASTM D570

Footnotes:

1. The test is run at a rate of 2 in. (50 mm) per minute.
2. The test is conducted at a speed of 4 in. (102 mm) per minute.
3. Individual Roll Length may vary +/- 1%
4. Test conducted with BITUTHENE® 4000 surface conditioner at minimum application temperature

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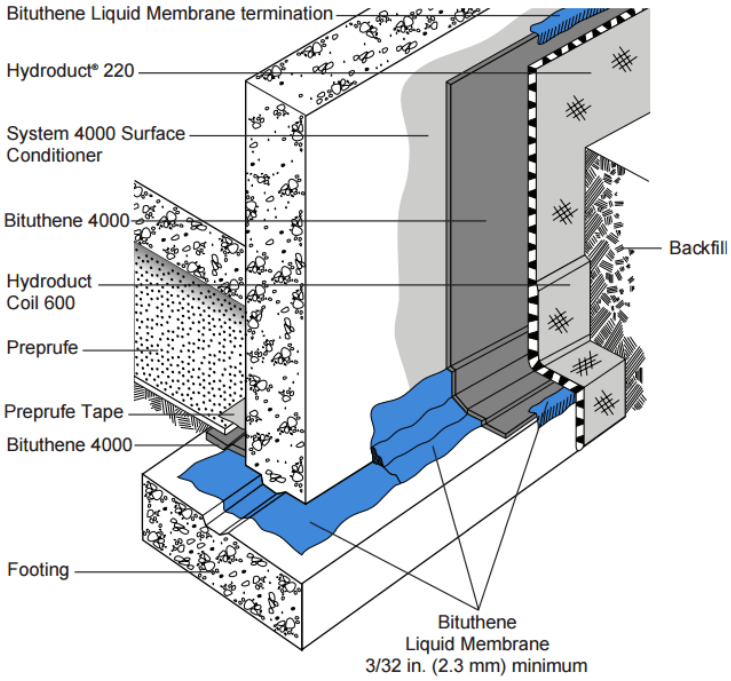
Last Updated: 2024-06-21
gcpat.com/solutions/products/bituthene-post-applied-waterproofing/bituthene-4000-membrane

BITUTHENE® Liquid Membrane Data Sheet

Two component, elastomeric, liquid applied detailing compound for use with GCP waterproofing membranes

Product Description

BITUTHENE® Liquid Membrane is a two component, elastomeric, cold applied, trowel grade material designed for a variety of uses with the GCP waterproofing systems. The VOC (Volatile Organic Compound) content is 10 g/L. Architectural and industrial maintenance regulations limit the VOC content in products classified as architectural coatings. Refer to Technical Letters for the most current list of allowable limits.



Product Advantages

- Liquid applied
- Waterproof
- Tough, rubber-like
- Chemically cured
- Cold applied
- System compatible

Use

BITUTHENE® Liquid Membrane is ideally suited for the following uses:

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- Fillet material at inside corners
- Reinforcement material at inside corners
- Flashing material around drains, protrusions, curbs and parapets
- Sealing material at terminations
- Repair material for defects on concrete surfaces
- Flashing material at corners

The two parts of BITUTHENE® Liquid Membrane are mixed on site and troweled on to provide a simple and quick waterproofing detailing aid in conjunction with BITUTHENE®, PREPRUFE® and PROCOR® systems.

Compatibility

BITUTHENE® Liquid Membrane is completely compatible with BITUTHENE®, PREPRUFE® and PROCOR®, and with existing asphalt or coal tar-based waterproofing materials. It is also compatible with cured silicone and polyurethane sealants. It is not compatible with creosote, pentachlorophenol, linseed oil or polysulfide-based sealants.

Supply

BITUTHENE® Liquid Membrane (Parts A & B)		
Unit size	1.5 gal (5.7 L)	4 gal (15.1 L)
Net weight per unit	16 lbs (8 kg)	44 lbs (20 kg)
Units per pallet	100	24

Physical Properties

PROPERTY	TYPICAL VALUE	TEST METHOD
Part A Color	Black	
Part B Color	Clear	
Mixture of Parts A and B Color	Black	
Solids content	100%	ASTM D1644
Elongation	250% minimum	ASTM D412
Peel strength	5 lbs/in. (880 N/m) minimum	ASTM D903
Flexibility, 180° bend over 1 in. (25 mm) mandrel at -25°F (-32°C)	Unaffected	ASTM D1970

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Application Procedures

Safety, Storage and Handling Information

BITUTHENE® products must be handled properly. Vapors from solvent based primers and mastic are harmful and flammable. For these products, the best available information on safe handling, storage, personal protection, health and environmental considerations has been gathered. Safety Data Sheets (SDS) are available on the web site and users should acquaint themselves with this information. Carefully read detailed precaution statements on product labels and the SDS before use.

Surface Preparation

All surfaces must be dry and free from dirt, grease, oil, dust or other contaminants. BITUTHENE® Liquid Membrane may be applied at temperatures of 25°F (-4°C) or above. Store in a dry place above 40°F.

Mixing

Add the entire contents of the Part B container to Part A and mix for 3 to 5 minutes until uniform. Part A is black and Part B is clear. Take care to scrape material from the side and bottom of the containers to ensure thorough mixing. A low speed (150 rpm) mechanical mixer with flat paddle blades is required. Do not apply any material if streaks can be seen due to insufficient mixing. Once mixed, BITUTHENE® Liquid Membrane must be applied by trowel within 1.5 hours. More time is available at lower temperatures.

At high temperatures, thickening and curing will be faster. Material that has thickened must be discarded. The material will cure to a very flexible rubber-like material.

BITUTHENE® Liquid Membrane must be applied at a minimum thickness of 3⁄16 in. (2.3 mm) unless otherwise noted on details. 32 In fillet applications, the face of the fillet should be a minimum of ¾ in. (20 mm). In corner flashing application details, it should extend 6 in. (150 mm) in each direction from the corner. BITUTHENE® Liquid Membrane will adhere to primed or unprimed concrete.

BITUTHENE® Liquid Membrane should be allowed to cure at least 24 hours before flood testing.

Coverage

As a fillet material, 1 gal (3.8 L) will cover approximately 100 linear feet (30 m). As a flashing material, 1 gal (3.8 L) will cover approximately 17 f^2 (1.6 m^2). As a fillet and reinforcement, 1 gal (3.8 L) will cover approximately 14 linear feet (4.3 m).

Cleaning

Clean tools and equipment with mineral spirits before BITUTHENE® Liquid Membrane has cured. Mineral spirits is a combustible liquid and should be used only in accordance with the manufacturer's safety recommendations. Do not use solvents to clean hands or skin.

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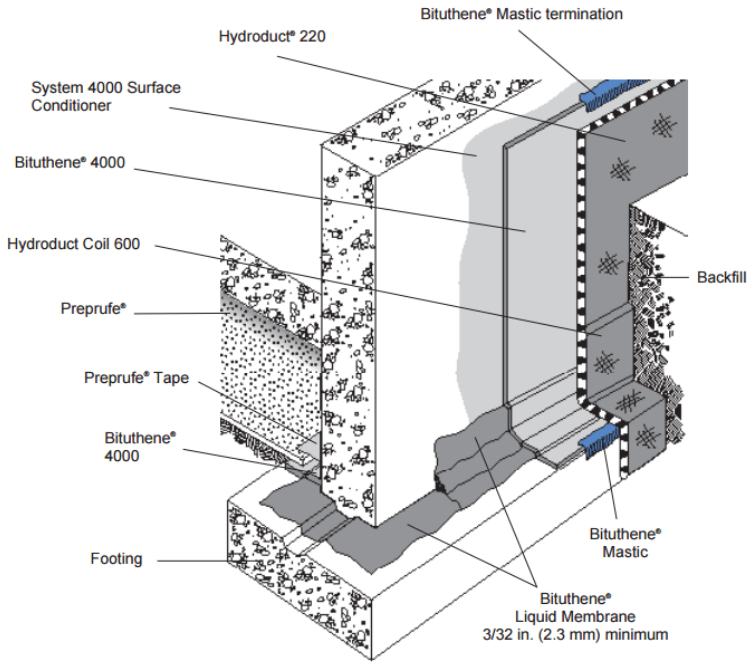
Last Updated: 2024-06-21
gcpat.com/solutions/products/bituthene-post-applied-waterproofing/bituthene-liquid-membrane

BITUTHENE® Mastic Data Sheet

One part gun or trowel applied mastic for sealing Bituthene membrane terminations and details

Product Description

BITUTHENE®Mastic is a rubberized, asphalt-based mastic. It has excellent adhesion to structural concrete, masonry and wood. The VOC (Volatile Organic Compound) content is 225 g/L. Architectural and industrial maintenance regulations limit the VOC content in products classified as architectural coatings. Refer to Technical Letters for the most current list of allowable limits. BITUTHENE®Mastic is available in tubes or pails.



Product Advantages

- Excellent adhesion
- Seals terminations, edges of patches and overlaps in detail areas

Use

BITUTHENE®Mastic is designed to seal terminations, edges of patches and overlaps in detail areas. On vertical applications, the mastic must be applied to both the top and bottom terminations.

Limitation

BITUTHENE®Mastic is an integral part of the BITUTHENE®waterproofing system. This mastic should not be applied where it will be covered with BITUTHENE®waterproofing membrane, except as permitted as a temporary cutoff. It should not be used as a primary waterproofing material.

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Application Procedures

Safety, Storage and Handling Information

BITUTHENE®products must be handled properly. Vapors from solvent based primers and mastic are harmful and flammable. For these products, the best available information on safe handling, storage, personal protection, health and environmental considerations has been gathered. SDS (Safety Data Sheet) are available on the web site and users should acquaint themselves with this information. Carefully read detailed precaution statements on product labels and the SDS before use.

Application

Apply BITUTHENE®Mastic either with a caulking gun or trowel. If applied with a caulking gun, level the bead with a trowel to about 0.125 in. (3 mm) thickness and 0.5 in. (13 mm) to 1 in. (25 mm) width. When applied as a temporary cutoff, trowel BITUTHENE®Mastic to 0.060 in. (1.5 mm) thickness. BITUTHENE®waterproofing membrane may be placed over the thin cutoff the next day.

On the bottom edge of vertical applications, BITUTHENE®Mastic should be troweled upward. Use it liberally at membrane terminations.

Material usage requirements for BITUTHENE®Mastic will vary widely from job to job. On large horizontal plaza areas with few protrusions, only about one quarter of a tube may be required per roll of membrane. A vertical application may require one half tube or more per roll of membrane. Applications involving other protrusions may require one or more tubes per roll.

Clean tools with mineral spirits at the end of each day. Mineral spirits is a combustible liquid and should be used only in accordance with the manufacturer's safety recommendations. Do not use solvents to clean hands or skin.

Supply

BITUTHENE® PROPERTY	TUBE VALUE	PAIL VALUE
Unit size	30 oz (.9 L) tube	5 gal (18.9 L) pail
Packaging	12 tubes/carton	36 pails/pallet
Weight	33 lbs (15 kg)/carton	54 lbs (24 kg)/pail
Coverage	1 tube—65 linear feet (20 m) [0.25 in. (6 mm) x 0.25 in. (6 mm) bead]	100 linear ft/gal (8.1 m/L) [1 in. (25 mm) wide troweling]

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Last Updated: 2024-06-21
gcpat.com/solutions/products/bituthene-post-applied-waterproofing/bituthene-mastic

PREPRUFE® 300R/160R Plus & PREPRUFE® 300R/160R Plus LT Data Sheet

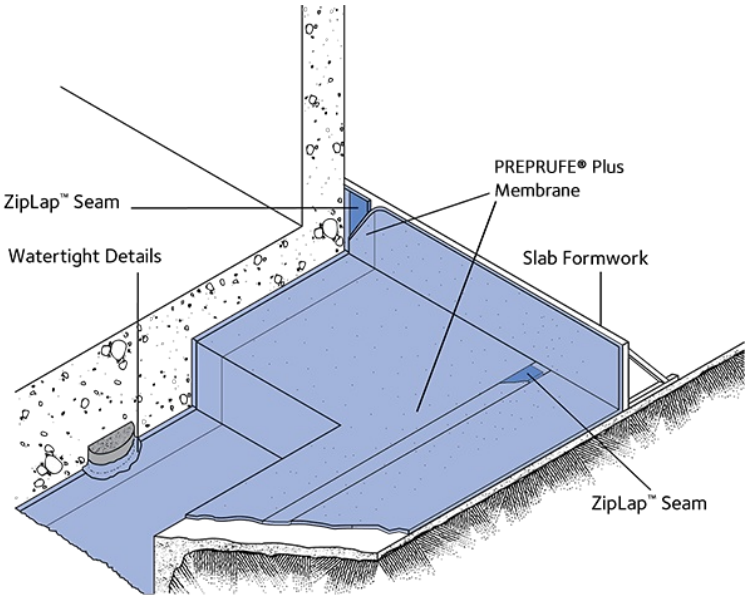
Pre-applied waterproofing membranes that bond integrally to poured concrete for use below slabs or behind basement walls on confined sites.

View Sustainability Certifications: 300R Plus, 160R Plus, 300R Plus LT, 160R Plus LT

Product Description

GCP PREPRUFE® 300R/160R Plus pre applied waterproofing membranes are unique composite sheets comprised of a thick HDPE film, pressure sensitive adhesive, and weather resistant protective coating. Designed with Advanced Bond Technology™ and dual adhesive ZipLap™ seams, PREPRUFE® 300R/160R Plus form a unique, integral bond to poured concrete. This integral bond is specifically designed to provide a robust barrier to water, moisture and gas and prevents both the ingress and lateral migration of water.

PREPRUFE® 300R/160R Plus are release liner free and designed for efficient, reliable installation. PREPRUFE® Plus ZipLap™ seams allow for an adhesive to adhesive bond at membrane sheet overlaps and deliver superior performance in harsh conditions without the need for specialized equipment, heat or power.



Drawings are for illustration purposes only.
Please refer to gcpat.com for specific application details.

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Advantages

- The unique continuous adhesive bond to concrete poured against it prevents water migration and makes it unaffected by ground settlement beneath slabs.
- Designed with fully adhered adhesive to adhesive watertight ZipLap™ seams and easy to execute detailing. Provides a barrier to water, moisture and gas physically isolating the structure from the surrounding substrate. Easy roll/kick out installation reduces installation time and cost.
- Release liner free, expedites installation and reduces construction site waste.
- Simple and quick to install requiring no priming or fillets.
- Can be applied to permanent formwork - allows maximum use of confined sites
- Can be trafficked immediately after application and ready for immediate placing of reinforcement Membrane is unaffected by wet jobsite conditions - cannot activate prematurely
- Inherently waterproof as supplied. Passive non-reactive waterproofing system does not require water activation Waterproofing is not reliant on confining pressures or hydration
- PREPRUFE® 300R/160R Plus unaffected by freeze/thaw, wet/dry cycling
- Chemical resistance – designed to help protect structure from salt or sulphate attack effective in most types of soils and waters,
- Gas resistance – PREPRUFE® 300R/160R Plus will restrict the ingress of Methane, Radon, Benzene, Toluene, Gasoline & other VOCs Trichloroethylene & Tetrachloroethylene (TCE/PCE) into buildings from landfill and naturally occurring sources and satisfy the performance criteria for a gas-resistant membrane.
- Exposure time - PREPRUFE® Plus unique formulation allows protection from UV for up to 56 days in most climatic conditions. Where ambient temperatures will exceed more than 100°F(38°C) for more than 7 days, concrete should be placed within 42 days of installation.

System Components:

Membrane

- PREPRUFE® 300R Plus/300R Plus LT— heavy-duty 46mil grade membrane designed for horizontal and vertical use. Designed for use below slabs and on rafts (i.e. mud slabs) and for vertical blind side applications. Designed to accept the placing of heavy reinforcement using conventional concrete spacers.
- PREPRUFE® 160R Plus/160R Plus LT — 32mil grade membrane designed for vertical use in blindside, zero property line applications against soil retention systems.

Ancillary Components (refer to the most current Data Sheets for all system components available on gcpat.com)

- PREPRUFE® Tape – 4 in. wide tape for covering cut edges, roll ends, penetrations and detailing
- PREPRUFE® CJ Tape – 8 in. wide tape for detailing, and may be used at construction joints for optional additional protection
- BITUTHENE® Liquid Membrane - for sealing around penetrations, etc.
- ADCOR® - hydrophilic waterstop for joints in concrete walls and floors
- PREPRUFE® Tieback Covers - preformed cover for soil retention wall tieback heads
- DE NEEF® INJECTO® Tube groutable Waterstop for non-moving concrete construction joints and penetrations

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Limitations of Use

- Approved uses only include those uses specifically detailed in this Product Data Sheet and other current Product Data Sheets that can be found at gcpat.com
- PREPRUFE® 300R/160R Plus Membranes are not intended for any other use. Contact GCP Technical Services where any other use is anticipated or intended.
- PREPRUFE® 300R/160R Plus Membranes are designed for in-service (throughout the building life) temperatures below 120°F(49°C). Preprufe membrane remain unaffected during concrete curing, even when temperature temporarily exceed 120F.
- PREPRUFE® 160R Plus/160R Plus LT membrane should not be used in horizontal applications.
- PREPRUFE® 300R/160R Plus Membranes should not be used with conventional two-sided formwork. (See PREPRUFE® Technical Letter # 13 Forming Systems For Use with PREPRUFE® Membranes)

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Safety and Handling

Users must read and understand the product label and Safety Data Sheets (SDS's) for each system component before use. All users should acquaint themselves with this information prior to working with the material. Carefully read detailed precaution statements on the product labels and SDS's before use. The most current SDS's can be obtained from the GCP web site at gcpat.com.

Storage

- Observe 1 year shelf life and use on a first in first out basis
- Store in dry conditions between 40°F (4.5°C)-90°F (32°C)
- Store off ground under tarps or otherwise protected from rain and ground moisture
- See PREPRUFE® Technical Letter #30 Shelf Life/Storage and Handling of GCP Waterproofing

Installation

Technical Support, Details and Technical Letters

The most up to date detail drawings and technical letters are available at gcpat.com. For complete application instructions, please refer to the current Literature on (www.gcpat.com). Documents in hardcopy as well as information found on websites other than www.gcpat.com may be out of date or in error. Before using this product it is important that information be confirmed by accessing www.gcpat.com and reviewing the most recent product information, including without limitation Product Data Sheets, Technical Bulletins, Detail Drawings and detailing recommendations. Please review all materials prior to installation of PREPRUFE® 300R/160R Plus.

Support is also available by full-time technically trained GCP field sales representatives and technical service personnel, backed by a central research and development technical services staff. For technical assistance with detailing and problem solving please contact your local representative. A GCP Representative locater is available at www.gcpat.com.

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Temperature Requirements

- PREPRUFE® 160R Plus LT and PREPRUFE® 300R Plus LT membrane can be applied between temperature 25ºF to 95ºF. PREPRUFE® 300R Plus & PREPRUFE® 160R Plus membranes can be used for application above 65ºF.
- PREPRUFE® Tape LT and PREPRUFE® CJ Tape LT can be applied between temperature 25ºF to 95ºF. PREPRUFE® Tape HC and PREPRUFE® CJ Tape HC can be used for application above 50ºF.

Substrate Preparation

All surfaces –It is essential to create a sound and solid substrate to eliminate movement during the concrete pour. Substrates must be regular and smooth with no gaps or voids greater than 0.5 in. (12 mm). Grout around all penetrations such as utility conduits, etc. for stability.

Horizontal – The substrate must be free of loose aggregate and sharp protrusions. Avoid curved or rounded substrates. When installing over earth or crushed stone, ensure substrate is well compacted to avoid displacement of substrate due to traffic or concrete pour. The surface does not need to be dry, but standing water must be removed.

Vertical – Use concrete, plywood, insulation or other approved facing over sheet piling to provide support to the membrane. Board systems such as timber lagging must be close butted to provide support and not more than 0.5 in. (12 mm) out of alignment. HYDRODUCT® 220 drainage sheet can be used to bridge voids, gaps and out of alignment up to 2 in. (50mm) prior to PREPRUFE® 300R/160R Plus installation.

Membrane Application

PREPRUFE® 300R/160R Plus has a colored zip strips at the top and bottom of the seam area on the edge of the roll. Both zip strips cover an aggressive adhesive. Once the green zip strip on the top of the membrane and the blue zip strip on the bottom of the membrane are removed, a strong adhesive to adhesive bond is achieved in the overlap area. This PREPRUFE® ZipLap™ provides an enhanced sealing of the overlaps in harsh conditions combined with a fast and easy way of execution without specialized equipment, heat or power.

Horizontal substrates – (PREPRUFE® 300R Plus/ PREPRUFE® 300R Plus LT membrane only) – PREPRUFE® 300R Plus & PREPRUFE® 300R Plus LT membrane can be applied in horizontal applications to smooth prepared concrete, carton forms or well rolled and compacted earth or crushed stone substrate. Kick out or roll out the membrane HDPE film side to the substrate with the green zip strip facing towards the concrete pour. End laps should be staggered to avoid a build-up of layers. Leave green and blue zip strips on the membrane until overlap procedure is completed. When completed remove release liner. When installing over carton forms, contact your local GCP representative.

Accurately position succeeding sheets to overlap the previous sheet 3 in. (75 mm) along the marked selvedge with the blue zip strip on top of the green zip strip. Ensure the underside of the succeeding sheet is clean, dry and free from contamination before attempting to overlap. Peel back and remove both the green and blue zip strips in the overlap area to achieve an adhesive to adhesive bond at the overlap.

Ensure a continuous bond is achieved without creases and roll firmly with a heavy roller.

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- PREPRUFE® 300R Plus/300R Plus LT membrane can be returned up the inside face of slab formwork. To attain a fully bonded system and to allow a tie in with BITUTHENE® self-adhered membrane or PROCOR® fluid-applied membrane to all vertical structural surfaces after removal of formwork. Ensure to cut the length of the membrane (terminate) to height of formwork less 2 inches.
- Rebar Chairs: See PREPRUFE® Technical Letter #15 Rebar Chairs on PREPRUFE® Membranes.
- PREPRUFE® 160R Plus & 160R Plus LT membrane may not be used in horizontal applications.

Vertical substrates – PREPRUFE® 300R/160R Plus membranes can be applied vertically to permanent formwork or adjoining structures. Mechanically fasten the membrane vertically using fasteners appropriate for the substrate with the green zip strip facing towards the concrete pour. The membrane may be installed in any convenient length. Fastening can be made through the selvedge within 0.5 in. (50 mm) from the leading edge of the membrane using a small low profile head fastener so that the membrane lays flat and allows firmly rolled overlaps. Accurately position each succeeding sheet to overlap the previous sheet 3 in. (75 mm) along the marked selvedge with the blue zip strip on top of the green zip strip.

Ensure the underside of the succeeding sheet is clean, dry and free from contamination before attempting to overlap. Peel back and remove both the green and blue zip strips in the overlap area to achieve an adhesive to adhesive bond at the overlap. Roll firmly to ensure a watertight seal.

Note that PREPRUFE® 300R/160R Plus membranes should not be used with conventional two-sided formwork. (See PREPRUFE® Technical Letter # 13 Forming Systems For Use with PREPRUFE® Membranes)

Roll ends and cut edges – Overlap all roll ends and cut edges by a minimum 3 in. (75 mm) and ensure the area is clean and free from contamination, wiping with a damp cloth if necessary. Allow surface to dry and apply PREPRUFE® Tape centered over the lap edges and roll firmly. Immediately remove tinted plastic release liner from the tape.

Membrane Repair

Inspect the membrane before installation of reinforcement steel, formwork and final placement of concrete. The membrane can be easily cleaned by power washing if required. Repair damage by wiping the area with a damp cloth to ensure the area is clean and free from dust, and other contaminants and allow the membrane to dry. Repair small punctures and slices 0.5 in. (12 mm) or less by applying PREPRUFE® Tape centered over the damaged area. Repair punctures and holes larger than 0.5 in. (12mm) by applying a patch of PREPRUFE® Membrane. Extend the patch 6 in. (150 mm) beyond the damaged area. Seal all edges of the patch with PREPRUFE® Tape. Where exposed selvedge has lost adhesion or laps have not been sealed, ensure the area is clean and dry and cover with fresh PREPRUFE® Tape. Any areas of damaged adhesive should be covered with PREPRUFE® Tape. All PREPRUFE® Tape must be rolled firmly and the tinted release liner removed.

Slices or relief cuts can be butted or overlapped and repaired by applying PREPRUFE® Tape centered over the edge of the overlap or center of the butt joint. Where it is not possible to create a butt joint or overlap, repair with fresh membrane and PREPRUFE® Tape as detailed above.

Pouring of Concrete

Ensure the plastic release liner is removed from all PREPRUFE® Tapes.

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Under most climatic conditions concrete should be poured within 56 days of membrane installation. Where ambient temperatures will exceed 100ºF (38°C) for more than a total of 7 days, concrete should be placed within 42 days of installation of the membrane. Concrete must be placed and compacted carefully to avoid damage to the membrane. Never use a sharp object to consolidate the concrete.

Removal of Formwork

A minimum concrete compressive strength of 3000 psi (20 N/mm^2) is required prior to stripping formwork supporting PREPRUFE® 300R/160R Plus Membranes. Premature stripping may result in displacement of the membrane and/or spalling of the concrete. (see PREPRUFE® Technical Letter #17 Removal of Formwork Placed against PREPRUFE® 300R/160R Plus Membranes).

After removal of the formwork and prior to backfilling, all exposed PREPRUFE® 300R/160R Plus Membrane must be protected from damage with an approved protective course.

Supply

Dimensions (Nominal)	PREPRUFE® 300R Plus PREPRUFE® 300R Plus LT	PREPRUFE® 160R Plus PREPRUFE® 160R Plus LT
Roll size Note#1	3 ft. 10 in. X 102 ft. (392 ft^2) 1.17m x 31.15m (36.4 m^2)	3 ft. 10 in. X 120 ft. (460 ft^2) 1.17m x 36.6m (42.8 m^2)
Roll weight	108 lbs (49 kg)	92 lbs (42 kg)
Minimum side/end laps	3 in. (75 mm)	3 in. (75 mm)
Note: when calculating coverage account for the Minimum side/end laps Note#1 Individual roll length may vary +/-1%		

Physical Properties

Property	PREPRUFE® 300R Plus & PREPRUFE® 300R Plus LT	PREPRUFE® 160R Plus & PREPRUFE® 160R Plus LT	Test Method
Color	white	white	
Thickness	0.046 in. (1.2 mm)	0.032 in. (0.8 mm)	ASTM D3767
Lateral Water Migration Resistance	Pass at 231 ft (71 m) of hydrostatic head pressure	Pass at 231 ft (71 m) of hydrostatic head pressure	ASTM D5385[1]
Long Term Lateral Water Migration Resistance, After 3 Years Water Immersion	Pass at 231 ft (71 m) of hydrostatic head pressure	Pass at 231 ft (71 m) of hydrostatic head pressure	ASTM D5385[1]
Resistance to hydrostatic head	231 ft (71 m)	231 ft (71 m)	ASTM D5385[2]
Resistance to hydrostatic head, Functional details	231 ft (71 m)	231 ft (71 m)	ASTM D5385[3]
Tensile strength, film	4000 psi (27.6 Mpa)	4000 psi (27.6 Mpa)	ASTM D412

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Tensile strength after soil burial, film	Retain >90%	Retain >90%	ASTM D412/ASTM D4068
Elongation	500%	500%	ASTM D412
Elongation after soil burial	Retain >90%	Retain >90%	ASTM D412/ASTM D4068
Low temperature flexibility	Unaffected at -20°F (-29°C)	Unaffected at -20°F (-29°C)	ASTM D1970
Crack cycling at -9.4°F (-23°C), 1/8" Movement	Unaffected, Pass	Unaffected, Pass	ASTM C1305/ASTM C836
Puncture resistance	225lbs (1000N)	100 lbs (445 N)	ASTM E154
Environmental stress resistance	Pass	Pass	ASTM D1693
Peel adhesion to concrete	10 lbs/in. (1750N/m)	10 lbs/in. (1750N/m)	ASTM D 903
Peel adhesion to concrete, After 3 years of water immersion	10 lbs/in. (1750N/m)	10 lbs/in. (1750N/m)	ASTM D 903 (After 3 years of water immersion)
Peel adhesion to concrete, after immersed in TCE, PCE, BTEX and Acid & Alkaline solution	Retain >80%	Retain >80%	ASTM D 543/ASTM D 903[4]
Lap peel adhesion	10 lbs/in. (1750N/m)	10 lbs/in. (1750N/m)	ASTM D1876[5]
Lap peel adhesion to concrete, after immersed in TCE, PCE, BTEX and Acid & Alkaline solution	Retain >80%	Retain >80%	ASTM D 543/ASTM D 1876[6]
Shear strength of joint	>100 lb	>60 lb	ASTM D882
VOC permeance of BTEX and saturated TCE & PCE	Not Detectable (Membrane, Seam)	Not Detectable (Membrane, Seam)	ASTM F 739 (Open loop)
Methane permeance[7]	<40 ml/day.m^2.atm	74.5 ml/day.m^2.atm	ASTM D 1434
Methane permeance (before and after soil burial)	<40 ml/day.m^2.atm		ASTM D 4068/ASTM D 1434
Radon diffusion coefficient (membrane and seam), m^2/s	3.7 X 10^{-12} Membrane, Seam	5.3 X 10^{-12} Membrane, Seam	Method C of ISO/TS11665-1
Permeance to water vapor transmission	<0.01 perms (0.6 ng/(Pa x s x m^2))	<0.01 perms (0.6 ng/(Pa x s x m^2))	ASTM E96, method B

Diffusion Coefficient	Test Method	PREPRUFE® 300R Plus PREPRUFE® 300R Plus LT	PREPRUFE® 160R Plus PREPRUFE® 160R Plus LT
TCE	Calculated	<1.5x10^{-12} m^2/s	<1.1x10^{-12} m^2/s
PCE	Calculated	<1.3x10^{-11} m^2/s	<9.0x10^{-12} m^2/s
Benzene	Calculated	2.3x10^{-15} m^2/s	3.1x10^{-15} m^2/s
Toluene	Calculated	<2.3x10^{-16} m^2/s	6.3x10^{-15} m^2/s

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Ethylbenzene	Calculated	$<2.3x10^{-16}$ m^2/s	$<1.6x10^{-16}$ m^2/s
Xylene	Calculated	$5.2x10^{-15}$ m^2/s	$1.8x10^{-15}$ m^2/s

Footnotes:

1. Lateral water migration resistance is tested by casting concrete against membrane with a hole and subjecting the membrane to hydrostatic head pressure with water.

The test measures the resistance of lateral water migration between the concrete and the membrane.

2. Hydrostatic head tests of PREPRUFE ®Membranes are performed by casting concrete against the membrane with a lap.
3. Test is performed by casting concrete against the membrane with detail prepared per GCP standard details.
4. Sample immersed under TCE, PCE, BTEX and acid & alkaline solution
5. The test is conducted 15 minutes after the lap is formed.
6. Sample immersed under TCE, PCE, BTEX and acid & alkaline solution
7. PREPRUFE ® 300R Plus/LT meets LARR requirement

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Last Updated: 2024-07-16

PREPRUFE® Detail Tape Data Sheet

Two Sided Self-Adhesive Tape

Product Description

PREPRUFE® Detail Tape is a specially formulated, two-sided, highly aggressive tape. It is a 2 in (50 mm) wide x 50 ft (15 m) long self-adhesive tape with a release liner.

PREPRUFE® Detail Tape is provided in Low Temperature and Hot Climate Grades as follows:

- PREPRUFE® Detail Tape LT Grade — for temperatures between 25°F (-4°C) and 86°F (+30°C)
- PREPRUFE® Detail Tape HC Grade — for use in Hot Climates (minimum 50°F (+10°C))

Use

PREPRUFE® Detail Tape is ideally suited for the following uses:

- As a detailing accessory to the PREPRUFE® and PREPRUFE® SCS Systems
- Adhering HYDRODUCT® drainage composites and insulation boards to waterproofing membranes

Application

Surface Preparation

All surfaces must be clean, dry and free from dirt, grease, oil, dust or other contaminants.

PREPRUFE® and PREPRUFE® SCS Systems

PREPRUFE® Detail Tape must be rolled firmly into place prior to removing the release liner. Ensure the release liner is then removed prior to adhering the next piece of membrane to the PREPRUFE®Detail Tape, which then must be rolled into place as well over the PREPRUFE® Detail Tape. Refer to applicable system detail drawings at references.gcpat.com.

HYDRODUCT® drainage composites

Where HYDRODUCT® drainage composites are placed horizontally from rolls onto a wall, a continuous strip of PREPRUFE® Detail Tape near the top and another strip near the bottom is recommended. If the drainage composite is cut and applied vertically in 6 to 8 ft (1.8 to 2.4 m) lengths, a strip is recommended near the top, another near the middle and a third near the bottom.

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On decks, a strip of tape is recommended at approximately 10 ft (3 m) intervals, or more frequently in the event of high wind. Unroll the tape and adhere to the waterproofing membrane. Leave the release sheet on the tape until just before applying the drainage composite. The tape and release liner may be cut with a utility knife. Peel the release liner and apply the drainage composite. Press the composite firmly to ensure good contact. For deck applications, the tape may be applied to the back of the drainage composite rather than to the waterproofing membrane, if it is more convenient.

Polystyrene protection board and insulation

On walls, apply a strip of tape near the top and bottom edge of the board or insulation. If the board is applied vertically in lengths of 8 ft (2.4m) or more, apply a third strip of tape in the middle of the board or insulation. Press panel firmly over the tape to ensure a good bond. PREPRUFE® Detail Tape may also be used to adhere polystyrene board or insulation in deck applications in the event of high winds.

Supply

PREPRUFE® DETAIL TAPE	
Roll size	2 in. x 50ft. (50 mm x 15m)
Packaging	16 rolls/carton

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Last Updated: 2024-06-21
gcpat.com/solutions/products/preprufe-comprehensive-waterproofing-system/preprufe-detail-tape-data-sheet

PREPRUFE® Tape and PREPRUFE® CJ Tape Data Sheet

View Sustainability Certifications: Tape LT, Tape HC, CJ Tape HC, CJ Tape LT

Product Description

PREPRUFE® Tape and PREPRUFE® CJ Tape are specially formulated two sided, reinforced pressure sensitive tapes. The bottom side of the tape has a highly aggressive pressure sensitive adhesive which is designed to adhere to penetrations, protrusions and GCP waterproofing membranes and accessories. The top side of the tape has a pressure sensitive adhesive, a weather resistant protective coating and a release liner. Concrete is cast directly against the protective white coating of the tape. The specially developed PREPRUFE® adhesive layers work together to form a continuous and integral seal to the structure.

PREPRUFE® Tape and PREPRUFE® CJ Tape are provided in Low Temperature and Hot Climate Grades as follows:

- PREPRUFE® Tape LT and PREPRUFE® CJ Tape LT - or temperatures between 25°F (-4°C) and 95°F (+35°C).
- PREPRUFE® Tape HC and PREPRUFE® CJ Tape HC - for use in Hot Climates, above 50°F (10°C).

Use

PREPRUFE® Tape is a 4 in. (100 mm) wide tape used in detail areas including end laps, penetrations and various tie-ins. It is also used to patch damaged areas in the PREPRUFE® membranes.

PREPRUFE® CJ Tape is an 8 in. (200 mm) wide tape used at construction joints in the concrete that is cast against it or in critical areas where a wider tape is required.

Application

Wipe substrates to receive PREPRUFE® Tape and PREPRUFE® CJ Tape clean to remove any dirt, dust or moisture. Clean the surface of penetrations or protrusions with a wire brush to remove dirt, dust, rust and loose particles.

Unroll the tape and adhere the exposed pressure sensitive adhesive surface to the membrane or penetration. The protective coating surface of the tape should face toward the concrete to be cast onto the tape.

The use of rollers is required to maximize adhesion. Remove the release liner during application.

Ensure the plastic release liner is removed from all areas of PREPRUFE® Tape and PREPRUFE® CJ Tape. It is recommended that concrete be poured within 56 days (42 days in hot climates) of application of the PREPRUFE® system. Following proper ACI guidelines, concrete must be placed carefully and consolidated properly to avoid damage to the membrane. Never use a sharp object to consolidate the concrete. Provide temporary protection from concrete over splash for areas of the tape that are adjacent to a concrete pour.

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DIMENSIONS (NOMINAL)	PREPRUFE® TAPE (HC OR LT)	PREPRUFE® CJ TAPE (HC OR LT)
Roll Size	4 in. x 49 ft. (100 mm x 15 m)	8 in. x 49 ft. (200 mm x 15 m)
Roll Weight	4.3 lbs (2 kg)	8.6 lbs (4 kg)

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Last Updated: 2024-06-21
gcpat.com/solutions/products/preprufe-comprehensive-waterproofing-system/preprufe-tape-and-preprufe-cj-tape

PREPRUFE® Liquid Flashing Data Sheet

A Pre-Applied detailing bonded to poured concrete

Product Description

PREPRUFE® Liquid Flashing is a two-component elastomeric, cold applied, trowel grade material designed for use with PREPRUFE® waterproofing membranes in pre-applied waterproofing systems. The VOC (volatile organic compound) content is 3 grams per liter.
The two parts of PREPRUFE® Liquid Flashing are mixed on site and troweled on to provide a simple, quick, and fully bonded waterproofing detailing aid in conjunction with PREPRUFE® waterproofing systems.

Product Advantages

- Bonds to poured concrete – Advanced Bond Technology™ maintains unique fully bonded performance
- Liquid applied – conforms to irregular profiles
- Cold applied – no flame hazard or special equipment needed
- Waterproof – resistant to water pressure
- Chemically cured – good through cure in thick applications
- System compatible – complements PREPRUFE® waterproofing system
- Reduced labor – simplifies detailing by reducing steps and materials

Use

PREPRUFE® Liquid Flashing is ideally suited for the following uses:

- Fillet material around pipe or rebar penetrations
- Sealing material at H-piles, columns, and terminations
- Damage repair for PREPRUFE® surface

The two parts of PREPRUFE® Liquid Flashing are mixed on site and troweled on to provide a simple, quick, and fully bonded waterproofing detailing aid in conjunction with PREPRUFE® waterproofing systems.

Physical Properties

MODULE	TYPICAL VALUE	TEST METHOD
Part A Color	Blue	-
Part B Color	Clear	-
Mixture of Parts A and B Color	Blue	-
Application Temperature	25°F to 104°F	-
Pot life	45 minutes	
Elongation	1000%	ASTM D412

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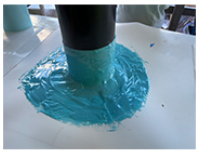
Low temperature flexibility	Unaffected at -20°F (-29°C)	ASTM D1970
Crack cycling	Pass	ASTM C1305
Resistance to hydrostatic head, functional details	231 ft (71 m)	ASTM D5385[1]
Lateral Water Migration Resistance	231 ft (71 m)	ASTM D5385[2]
Peel adhesion to post-cast concrete	10 lbs/in. (1750 N/m)	ASTM D903[3]
Peel Adhesion, Concrete	10 lbs/in. (1750 N/m)	ASTM D903[4]
Peel Strength, Steel	10 lbs/in. (1750 N/m)	ASTM D903[4]
Peel Strength, PVC	10 lbs/in. (1750 N/m)	ASTM D903[4]
Peel adhesion to PREPRUFE® Grout EG 75	10 lbs/in. (1750 N/m)	ASTM D903[4]
Peel adhesion to PREPRUFE® Plus membrane	10 lbs/in. (1750 N/m)	ASTM D1876[4]
Peel adhesion to PREPRUFE® SCS membrane	10 lbs/in. (1750 N/m)	ASTM D1876[4]
Peel adhesion to BITUTHENE® Liquid Membrane	10 lbs/in. (1750 N/m)	ASTM D1876[4]
Environmental Stress Resistance	Pass	ASTM D1693

1. Test is performed by casting concrete against the membrane with detail prepared with PREPRUE® Liquid Flashing.
2. Lateral water migration resistance is tested by casting concrete against membrane with a hole and subjecting the membrane to hydrostatic head pressure with water. The test measures the resistance of lateral water migration between the concrete and the membrane.
3. Sample is prepared by casting concrete against cured membrane.
4. Tested at crosshead speed of 2 inches per minute using Bituthene B2 LVC Primer over EG 75



Application Procedures

Safety, Storage and Handling Information

Safety Data Sheets (SDS) are available on request. Carefully read detailed precaution statements on product labels and the SDS before use.

Surface Preparation

Substrates should be dry and free from surface condensation or standing water. All surfaces should be clean and free from dust, dirt, site debris, grease and any other contaminants that may compromise adequate adhesion.
For concrete, prime with BITUTHENE® Adhesive Primer B2 LVC. For steel, rust and mill scale should be removed by wire brush or grinding, followed by solvent wipe. PVC surfaces should be wiped free of any debris.

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Mixing and Installation

Add the entire contents of the Part B container to Part A and mix for 3 to 5 minutes using a low shear mixer until uniform, being careful to avoid trapping air in the mix. Part A is blue and Part B is clear. Take care to scrape material from the side and bottom of the containers to ensure thorough mixing. Do not apply any material if streaks or chunks can be seen due to insufficient mixing. Once mixed, PREPRUFE® Liquid Flashing must be applied by trowel within 45 minutes at 70°F. More time is available at lower temperatures.

PREPRUFE® Liquid Flashing may be applied at temperatures of as low as 25°F (-5°C). During cold weather installation less than 40°F (5°C), product must be stored above 50°F (10°C) for a minimum of 24 hours prior to application to improve workability and overall product installation. At high temperatures, thickening and curing will be faster. Material that has thickened must be discarded. The material will cure to a slightly tacky, very flexible, rubber-like material.

PREPRUFE® Liquid Flashing must be applied at a target thickness of 80 mil minimum for optimized application performance. Use a wet film thickness gauge to ensure the minimum thickness has been achieved. In fillet applications, the face of the fillet should be a minimum of ¾ in. (20 mm). PREPRUFE® Liquid Flashing will adhere to primed concrete, steel, PVC, epoxy grout, and PREPRUFE® membranes.

PREPRUFE® Liquid Flashing will remain tacky. Prior to casting concrete inspect cured PREPRUFE® Liquid Flashing for adhered trash or contamination and remove where applicable. Excessive debris build up on the membrane should be washed clean. Light power washing will not damage the membrane. Normal construction site debris, dust, etc. will not compromise the fully bonded performance of the applied membrane. Ponding water should be removed prior to concrete pour. Follow QA/QC procedure as prescribed by GCP Technical Services applicable to below grade waterproofing products like but not limited to PREPRUFE® Liquid Flashing and BITUTHENE® Liquid Membrane. Do not install if rain is imminent. 3hrs after the application light rain does not compromise the performance of PREPRUFE® Liquid Flashing. Allow PREPRUFE® Liquid Flashing to cure for 24 hrs before concrete pour.

Coverage

As a fillet material, 1 gal (3.8 L) will cover approximately 100 linear feet (30 m). As a flashing material, 1 gal (3.8 L) will cover approximately 17 ft (1.6 m). As a fillet and reinforcement, 1 gal (3.8 L) will cover approximately 14 linear feet (4.3 m).

Damage Repair

Damaged PREPRUFE® Liquid Flashing can be repaired using PREPRUFE® Liquid Flashing. Fully or partially cured PREPRUFE® Liquid Flashing can be repaired using fresh PREPRUFE® Liquid Flashing which will bond very well to already applied PREPRUFE® Liquid Flashing. The PREPRUFE® Liquid Flashing that needs repairing needs to be cleaned of debris. PREPRUFE® Liquid Flashing can be used to repair damaged surface of PREPRUFE® Plus membranes and punctures less than ½" diameter. Applied PREPRUFE® Liquid Flashing for repair should extend beyond damaged membrane 4" in all directions. For punctures larger than ½" diameter, use PREPRUFE® Tape and/or PREPRUFE® membrane patch per standard application guidelines.

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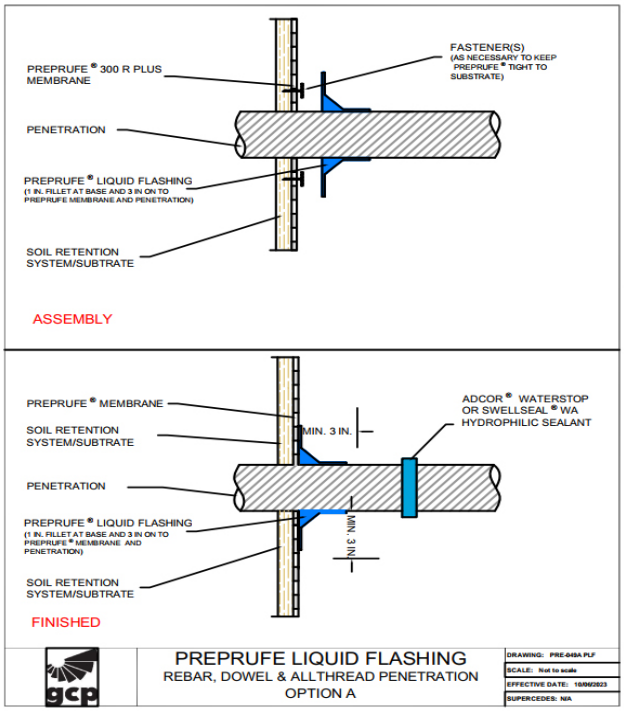
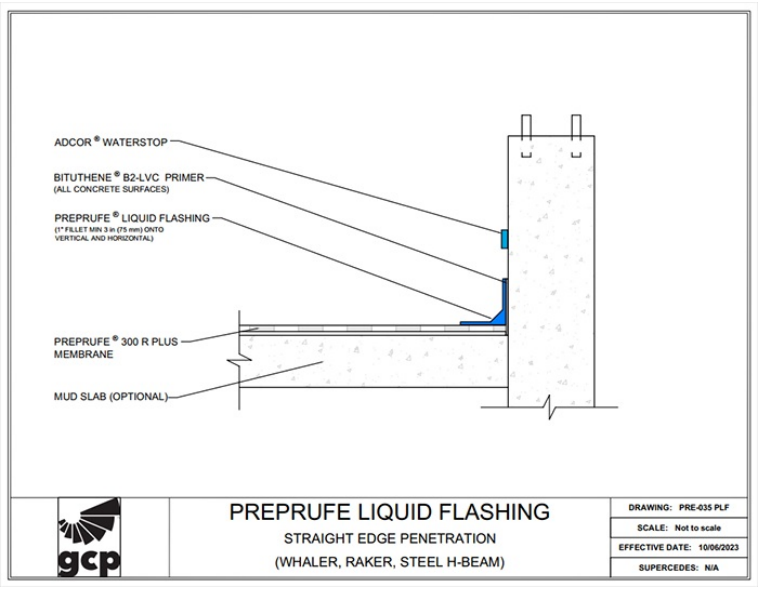
UV Protection

PREPRUFE® Liquid Flashing is not designed for permanently exposed applications, it should be covered within 56 days of application.

Equipment Cleaning

Clean tools and equipment with acetone before PREPRUFE® Liquid Flashing has cured. Acetone is a combustible liquid and should be used only in accordance with the manufacturer's safety recommendations. Do not use solvents to clean hands or skin.





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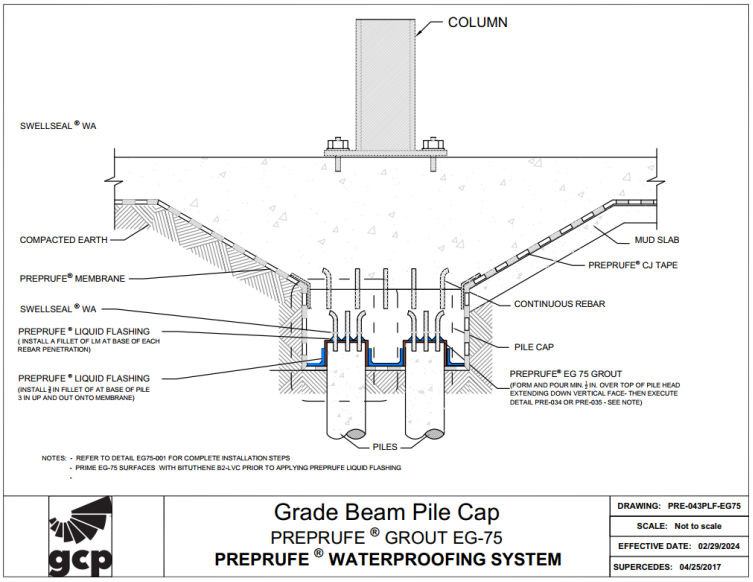

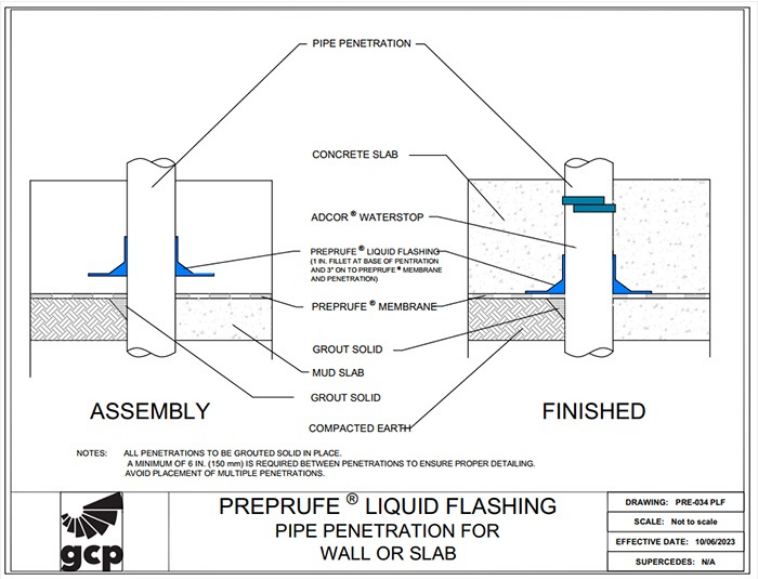

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Last Updated: 2024-06-21
gcpat.com/solutions/products/preprufe-liquid-flashing/preprufe-liquid-flashing-data-sheet

APPENDIX Q

Green and Sustainable Remediation Footprint Analysis and Climate Screening Checklist

LANGAN

Sustainable Remediation Summary - Remedy

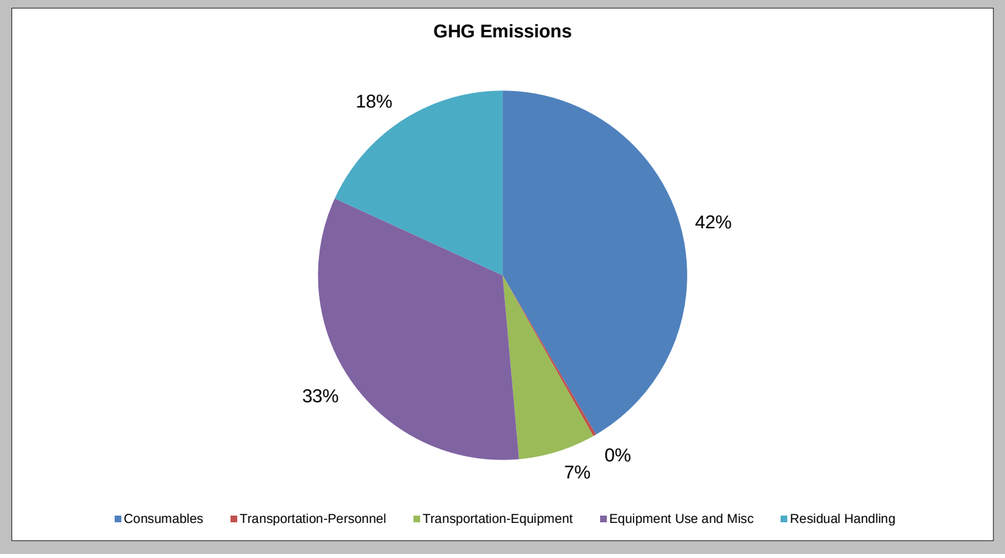
Activities	GHG Emissions	Percent Total	Total Energy Used	Percent Total	Water Consumption	Percent Total	Electricity Usage	Percent Total	Onsite NOx Emissions	Percent Total	Onsite SOx Emissions	Percent Total	Onsite PM10 Emissions	Percent Total	Total NOx Emissions	Percent Total	Total SOx Emissions	Percent Total	Total PM10 Emissions	Percent Total	Accident Risk Fatality	Percent Total	Accident Risk Injury	Percent Total
	metric ton	%	MMBTU	%	gallons	%	MWH	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%		%		%
Consumables	1,076.32	41.6	1.4E+04	47.5	NA	NA	NA	NA	NA	-	NA	-	NA	-	3.2E+00	47.3	5.2E+00	64.8	1.2E+00	78.4	NA	NA	NA	NA
Transportation-Personnel	6.96	0.3	8.8E+01	0.3	NA	NA	NA	NA	NA	-	NA	-	NA	-	2.6E-03	0.0	9.1E-05	0.0	5.2E-04	0.0	1.4E-04	7.2	1.1E-02	6.9
Transportation-Equipment	175.21	6.8	2.3E+03	7.6	NA	NA	NA	NA	NA	-	NA	-	NA	-	5.5E-02	0.8	9.7E-04	0.0	4.9E-03	0.3	2.8E-04	14.0	2.2E-02	13.4
Equipment Use and Misc	861.24	33.2	7.2E+03	24.0	3.2E+04	100.0	0.0E+00	0.0	4.8E-01	100.0	1.2E-01	100.0	1.0E-02	100.0	3.4E+00	49.7	2.8E+00	35.2	3.2E-01	20.9	4.1E-05	2.1	1.0E-02	6.1
Residual Handling	470.62	18.2	6.1E+03	20.5	NA	NA	NA	NA	0.0E+00	-	0.0E+00	-	0.0E+00	-	1.5E-01	2.2	2.7E-03	0.0	4.1E-03	0.3	1.5E-03	76.8	1.2E-01	73.6
Total	2,590.35	100.0	3.00E+04	100.0	3.20E+04	100.0	0.00E+00	0.0	4.83E-01	100.0	1.17E-01	100.0	1.00E-02	100.0	6.83E+00	100.0	8.02E+00	100.0	1.54E+00	100.0	1.99E-03	100.0	1.67E-01	100.0

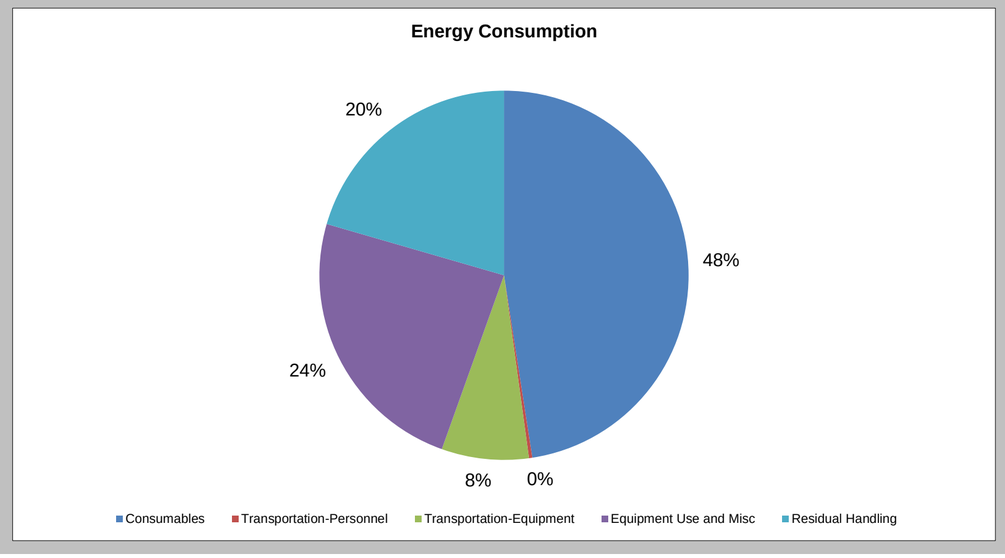
Additional Sustainability Metrics

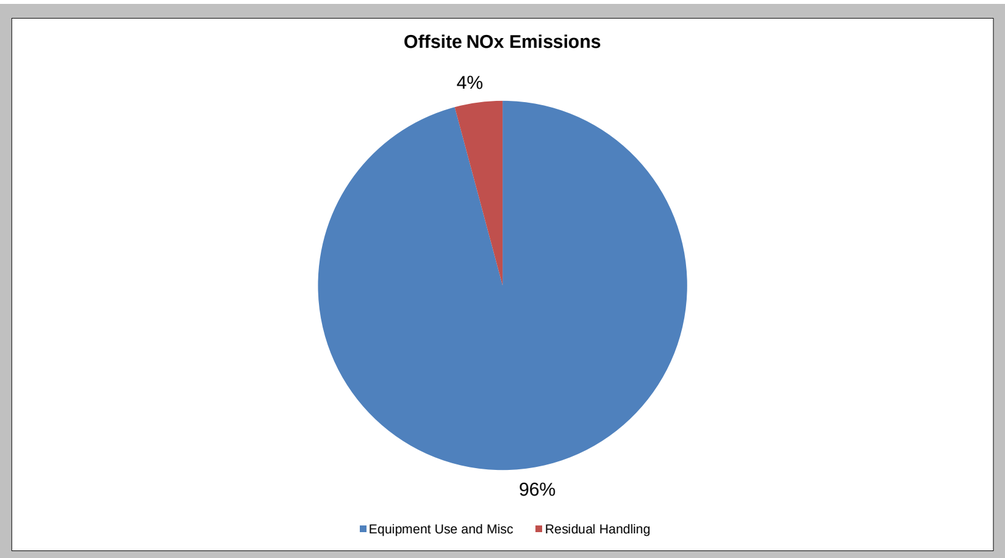
Non-Hazardous Waste Landfill Space (tons)	0.0
Hazardous Waste Landfill Space (tons)	0.0
Topsoil Consumption (yd^3)	0.0
Cost of Phase ($)	0.0
Lost Hours - Injury	1.3

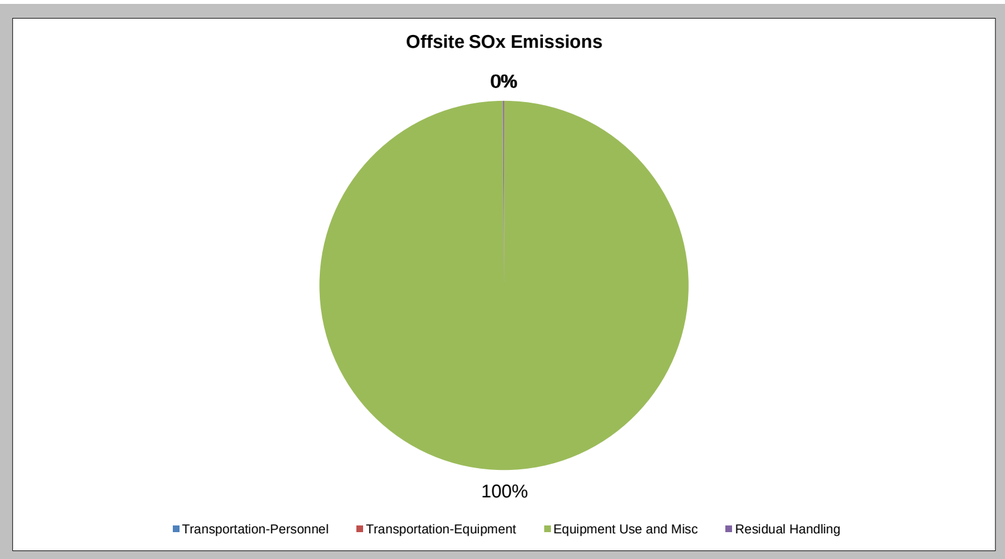
Footprint Reduction

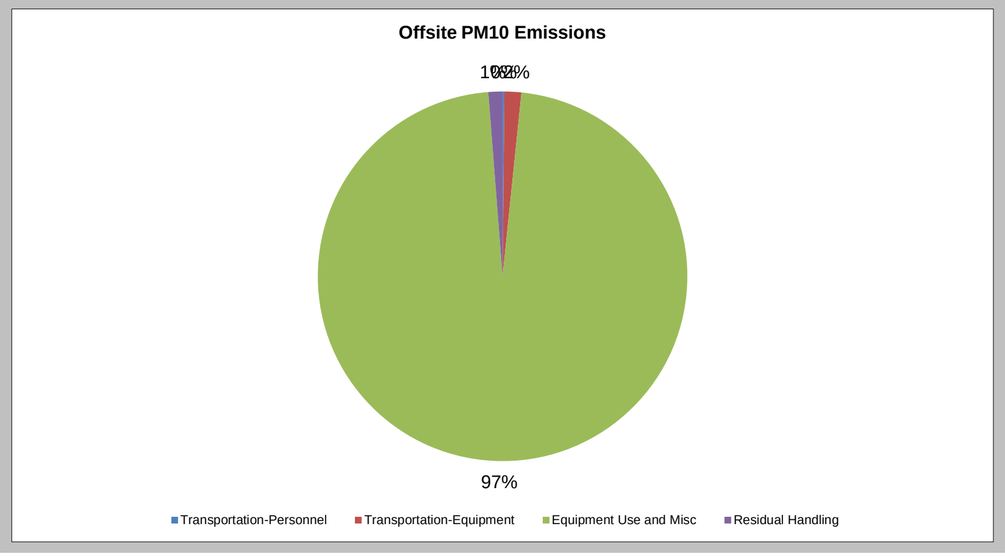
Total electricity replacement (MWh)	0.00E+00
Total electricity replacement (mmBtu)	0.00E+00
Percent electricity from renewable sources (%)	0.0%
Landfill gas reduction (metric ton CO_2 e)	0.00E+00
GHG emissions (metric ton CO2 e)	0.00E+00
NOx emissions (metric ton)	0.00E+00
SOx emissions (metric ton)	0.00E+00
PM10 emissions (metric ton)	0.00E+00

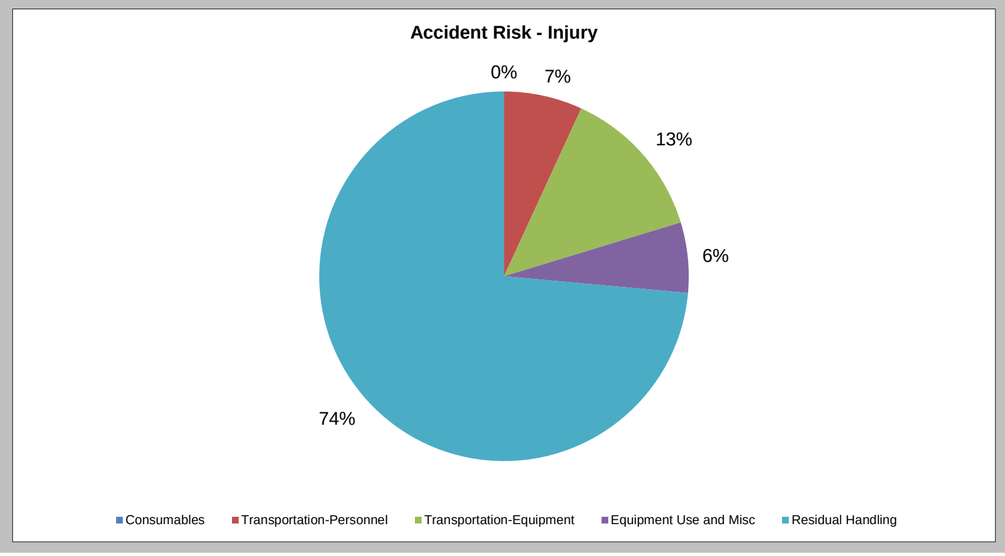


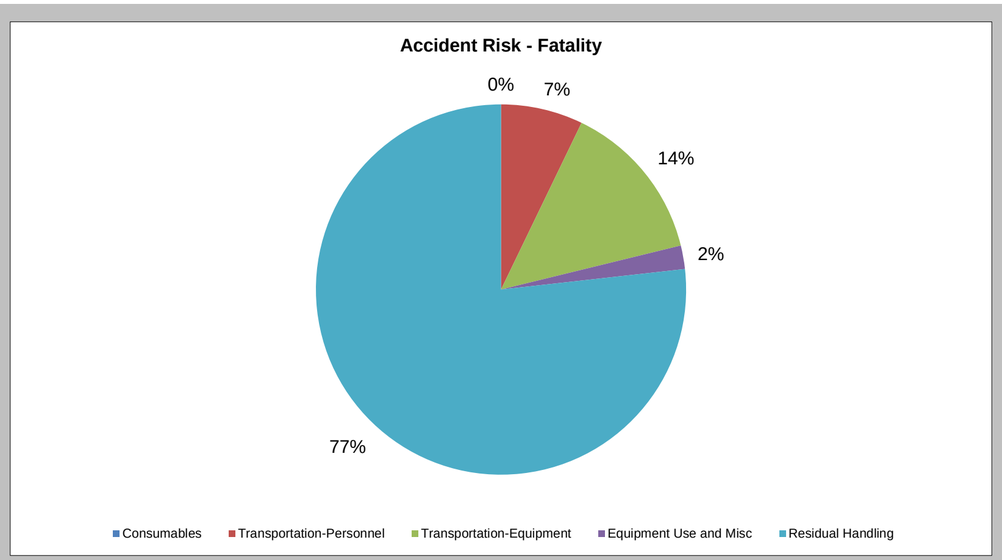



Offsite NOx Emissions
4%
96%
Equipment Use and Misc
Residual Handling


Offsite SOx Emissions
0%
100%
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Offsite PM10 Emissions
97%
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Accident Risk - Injury
0%
7%
13%
6%
74%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling


Accident Risk - Fatality
0%
7%
14%
2%
77%
Consumables
Transportation-Personnel
Transportation-Equipment
Equipment Use and Misc
Residual Handling

This worksheet allows the user to calculate the life cycle environmental footprint of the materials used

Yellow cells	value chosen from drop down menu on input sheet
White cells	value entered on input sheet
Orange cells	provide the output of the tool
Blue Cells	tool calculations and automatic lookups

CONSTRUCTION MATERIALS

	MATERIAL 1	MATERIAL 2	MATERIAL 3	MATERIAL 4	MATERIAL 5	MATERIAL 6	MATERIAL 7	MATERIAL 8	MATERIAL 9	MATERIAL 10	MATERIAL 11	MATERIAL 12
Material type	HDPE Liner	Gravel	HDPE Liner	HDPE Liner	HDPE Liner	HDPE Liner	HDPE Liner	HDPE Liner	HDPE Liner	HDPE Liner	HDPE Liner	HDPE Liner
Area of material (ft^2)	60000	0	0	0	0	0	0	0	0	0	0	0
Depth of material (ft)	0.004925	0	0	0	0	0	0	0	0	0	0	0
Volume of material required (ft^3)	295.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Density of material (kg/m^3)	965.0	1682.0	965.0	965.0	965.0	965.0	965.0	965.0	965.0	965.0	965.0	965.0
Total weight of material required (kg)	8074.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CO_2 e emission factor (kg CO_2/kg material)	3.00E+00	1.70E-02	3.00E+00	3.00E+00	3.00E+00	3.00E+00	3.00E+00	3.00E+00	3.00E+00	3.00E+00	3.00E+00	3.00E+00
NOx emission factor (g/kg)	6.20E+00	6.80E-02	6.20E+00	6.20E+00	6.20E+00	6.20E+00	6.20E+00	6.20E+00	6.20E+00	6.20E+00	6.20E+00	6.20E+00
SOx emission factor (g/kg)	1.10E+01	8.50E-02	1.10E+01	1.10E+01	1.10E+01	1.10E+01	1.10E+01	1.10E+01	1.10E+01	1.10E+01	1.10E+01	1.10E+01
PM10 emission factor (g/kg)	1.60E+00	3.40E-02	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
MJ/kg material	103.9	0.3	103.9	103.9	103.9	103.9	103.9	103.9	103.9	103.9	103.9	103.9
ENERGY OUTPUT												
Energy used (BTU)	8.0E+08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
CO_2 OUTPUT												
CO_2 e emission (metric ton)	2.4E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
NOx, SOx and PM_{10} OUTPUT												
NOx emission (metric ton)	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
SOx emission (metric ton)	8.9E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
PM_{10} emission (metric ton)	1.3E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

TOTAL FROM CONSTRUCTION MATERIALS	
CO_2 e Emission (metric ton)	2.4E+01
Onsite NOx Emission (metric ton)	NA
Onsite SOx Emission (metric ton)	NA
Onsite PM_{10} Emission (metric ton)	NA
Offsite NOx Emission (metric ton)	5.0E-02
Offsite SOx Emission (metric ton)	8.9E-02
Offsite PM_{10} Emission (metric ton)	1.3E-02
Accident Risk - Fatality	NA
Accident Risk - Injury	NA
Water Used (gallons)	NA
Energy Used (BTU)	8.0E+08
Energy Used (MWh)	NA

BULK MATERIAL QUANTITIES

	MATERIAL 1	MATERIAL 2	MATERIAL 3	MATERIAL 4	MATERIAL 5	MATERIAL 6	MATERIAL 7	MATERIAL 8	MATERIAL 9	MATERIAL 10	MATERIAL 11	MATERIAL 12
Material type	Steel	General Concrete	Gravel	Gravel	Sand	Soil	Acetic Acid	Acetic Acid	Acetic Acid	Acetic Acid	Acetic Acid	Acetic Acid
Units of quantity	pounds	cubic feet	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds
Quantity	906,000	17,496	12,684,180	8,800,840	216,000	560,000	0	0	0	0	0	0
Density of material (kg/m^3)	7860.0	2371.0	1682.0	1682.0	1850.0	1850.0	1050.6	1050.6	1050.6	1050.6	1050.6	1050.6
Total weight of material required (kg)	410954.7	1174668.3	5753447.6	3991994.1	97976.0	254011.7	0.0	0.0	0.0	0.0	0.0	0.0
CO_2 e emission factor (kg CO_2/kg material)	1.77E+00	1.30E-01	1.70E-02	1.70E-02	5.00E-03	2.30E-02	1.36E+00	1.36E+00	1.36E+00	1.36E+00	1.36E+00	1.36E+00
NOx emission factor (g/kg)	5.31E+00	2.60E-01	6.80E-02	6.80E-02	2.00E-02	9.20E-02	4.08E+00	4.08E+00	4.08E+00	4.08E+00	4.08E+00	4.08E+00
SOx emission factor (g/kg)	8.85E+00	5.20E-01	8.50E-02	8.50E-02	2.50E-02	1.15E-01	6.80E+00	6.80E+00	6.80E+00	6.80E+00	6.80E+00	6.80E+00
PM10 emission factor (g/kg)	1.77E+00	1.04E-01	3.40E-02	3.40E-02	1.00E-02	4.60E-02	1.36E+00	1.36E+00	1.36E+00	1.36E+00	1.36E+00	1.36E+00
MJ/kg material	24.4	1.0	0.3	0.3	0.1	0.5	36.0	36.0	36.0	36.0	36.0	36.0
ENERGY OUTPUT												
Energy used (BTU)	9.5E+09	1.1E+09	1.6E+09	1.1E+09	9.3E+06	1.1E+08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
CO_2 OUTPUT												
CO_2 e emission (metric ton)	7.3E+02	1.5E+02	9.8E+01	6.8E+01	4.9E-01	5.8E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
NOx, SOx and PM_{10} OUTPUT												
NOx emission (metric ton)	2.2E+00	3.1E-01	3.9E-01	2.7E-01	2.0E-03	2.3E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
SOx emission (metric ton)	3.6E+00	6.1E-01	4.9E-01	3.4E-01	2.4E-03	2.9E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
PM_{10} emission (metric ton)	7.3E-01	1.2E-01	2.0E-01	1.4E-01	9.8E-04	1.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

TOTAL FROM BULK MATERIALS	
CO_2 e Emission (metric ton)	1.1E+03
Onsite NOx Emission (metric ton)	NA
Onsite SOx Emission (metric ton)	NA
Onsite PM_{10} Emission (metric ton)	NA
Offsite NOx Emission (metric ton)	3.2E+00
Offsite SOx Emission (metric ton)	5.1E+00
Offsite PM_{10} Emission (metric ton)	1.2E+00
Accident Risk - Fatality	NA
Accident Risk - Injury	NA
Water Used (gallons)	NA
Energy Used (BTU)	1.3E+10
Energy Used (MWh)	NA

TOTAL FROM MATERIAL PRODUCTION	
CO_2 e Emission (metric ton)	1.1E+03
Onsite NOx Emission (metric ton)	NA
Onsite SOx Emission (metric ton)	NA
Onsite PM_{10} Emission (metric ton)	NA
Offsite NOx Emission (metric ton)	3.2E+00
Offsite SOx Emission (metric ton)	5.2E+00
Offsite PM_{10} Emission (metric ton)	1.2E+00
Accident Risk - Fatality	NA
Accident Risk - Injury	NA
Water Used (gallons)	NA
Energy Used (MMBTU)	1.4E+04
Energy Used (MWh)	NA

This worksheet allows the user to calculate the environmental footprint of personnel travel

Yellow cells	value chosen from drop down menu on input sheet
White cells	value entered on input sheet
Orange cells	provide the output of the tool
Blue Cells	tool calculations and automatic lookups

TRANSPORTATION - ROAD

	Trip 1	Trip 2	Trip 3	Trip 4	Trip 5	Trip 6	Trip 7	Trip 8	Trip 9	Trip 10	Trip 11	Trip 12
Vehicle type	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Fuel used	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
Distance traveled per trip (miles)	30	110	110	110	110	20	0	0	0	0	0	0
Number of trips taken	103	19	22	77	10	55	0	0	0	0	0	0
Number of travelers	1	1	1	1	1	1	0	0	0	0	0	0
Total distance traveled (miles)	3090	2090	2420	8470	1100	1100	0	0	0	0	0	0
Will DIESEL-run vehicles be retrofitted with a particulate reduction technology?	No	No	No	No	No	No	No	No	No	No	No	No
Consumption rate (MPG)	29	29	29	29	29	29	29	29	29	29	29	29
Estimated MPG (input the default if not known)	0	0	0	0	0	0	0	0	0	0	0	0
Total fuel used (gallons)	106.6	72.1	83.4	292.1	37.9	37.9	0.0	0.0	0.0	0.0	0.0	0.0
BTU per gallon fuel used	139,015	139,015	139,015	139,015	139,015	139,015	139,015	139,015	139,015	139,015	139,015	139,015
CO_2 emission factor (g/mile)	3.67E+02	3.67E+02	3.67E+02	3.67E+02	3.67E+02	3.67E+02	3.67E+02	3.67E+02	3.67E+02	3.67E+02	3.67E+02	3.67E+02
N_2O emission factor (g/mile)	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02
CH_4 emission factor (g/mile)	4.46E-01	4.46E-01	4.46E-01	4.46E-01	4.46E-01	4.46E-01	4.46E-01	4.46E-01	4.46E-01	4.46E-01	4.46E-01	4.46E-01
NOx emission factor (g/mile)	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01
SOx emission factor (g/mile)	4.97E-03	4.97E-03	4.97E-03	4.97E-03	4.97E-03	4.97E-03	4.97E-03	4.97E-03	4.97E-03	4.97E-03	4.97E-03	4.97E-03
PM_{10} emission factor (g/mile)	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02
ENERGY OUTPUT												
Energy used (BTU)	1.5E+07	1.0E+07	1.2E+07	4.1E+07	5.3E+06	5.3E+06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
CO_2 OUTPUT												
CO_2 emission (metric ton)	1.1E+00	7.7E-01	8.9E-01	3.1E+00	4.0E-01	4.0E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
N_2O emission (metric ton CO_2 e)	1.6E-02	1.1E-02	1.2E-02	4.3E-02	5.6E-03	5.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
CH_4 emission (metric ton CO_2 e)	2.9E-02	2.0E-02	2.3E-02	7.9E-02	1.0E-02	1.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
NOx, SOx and PM_{10} OUTPUT												
NOx emission (metric ton)	4.4E-04	2.9E-04	3.4E-04	1.2E-03	1.6E-04	1.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
SOx emission (metric ton)	1.5E-05	1.0E-05	1.2E-05	4.2E-05	5.5E-06	5.5E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
PM_{10} emission (metric ton)	8.8E-05	6.0E-05	6.9E-05	2.4E-04	3.1E-05	3.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
ACCIDENT RISK												
Fatality risk	2.4E-05	1.6E-05	1.9E-05	6.6E-05	8.6E-06	8.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Injury risk	1.9E-03	1.3E-03	1.5E-03	5.3E-03	6.9E-04	6.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

TOTAL FROM ROAD TRANSPORTATION	
CO_2 e Emission (metric ton)	7.0E+00
Onsite NOx Emission (metric ton)	NA
Onsite SOx Emission (metric ton)	NA
Onsite PM_{10} Emission (metric ton)	NA
Offsite NOx Emission (metric ton)	2.6E-03
Offsite SOx Emission (metric ton)	9.1E-05
Offsite PM_{10} Emission (metric ton)	5.2E-04
Accident Risk - Fatality	1.4E-04
Accident Risk - Injury	1.1E-02
Water Used (gallons)	NA
Energy Used (BTU)	8.8E+07
Energy Used (MWh)	NA

TOTAL FROM PERSONNEL TRANSPORTATION	
CO_2 e Emission (metric ton)	7.0E+00
Onsite NOx Emission (metric ton)	NA
Onsite SOx Emission (metric ton)	NA
Onsite PM_{10} Emission (metric ton)	NA
Offsite NOx Emission (metric ton)	2.6E-03
Offsite SOx Emission (metric ton)	9.1E-05
Offsite PM_{10} Emission (metric ton)	5.2E-04
Accident Risk - Fatality	1.4E-04
Accident Risk - Injury	1.1E-02
Water Used (gallons)	NA
Energy Used (MMBTU)	8.8E+01
Energy Used (MWh)	NA

This worksheet allows the user to calculate the environmental footprint of equipment and material transport

Yellow cells	value chosen from drop down menu on input sheet
White cells	value entered on input sheet
Orange cells	provide the output of the tool
Blue Cells	tool calculations and automatic lookups

EQUIPMENT TRANSPORTATION - SHARED LOAD ROAD

	Trip 1	Trip 2	Trip 3	Trip 4	Trip 5	Trip 6	Trip 7	Trip 8	Trip 9	Trip 10	Trip 11	Trip 12
Distance travelled (miles)	21,280	14,160	90	210	0	0	0	0	0	0	0	0
Weight of equipment transported (tons)	20	20	18	20	0	0	0	0	0	0	0	0
Fuel efficiency (ton-mpg)	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
Total fuel used (gal)	10,025	6,671	38	99	0	0	0	0	0	0	0	0
BTU per gallon fuel used	135,847	135,847	135,847	135,847	135,847	135,847	135,847	135,847	135,847	135,847	135,847	135,847
CO_2 emission factor (g/gal)	1.01E+04	1.01E+04	1.01E+04	1.01E+04	1.01E+04	1.01E+04	1.01E+04	1.01E+04	1.01E+04	1.01E+04	1.01E+04	1.01E+04
N_2O emission factor (g/gal)	1.14E-01	1.14E-01	1.14E-01	1.14E-01	1.14E-01	1.14E-01	1.14E-01	1.14E-01	1.14E-01	1.14E-01	1.14E-01	1.14E-01
CH_4 emission factor (g/gal)	1.14E+01	1.14E+01	1.14E+01	1.14E+01	1.14E+01	1.14E+01	1.14E+01	1.14E+01	1.14E+01	1.14E+01	1.14E+01	1.14E+01
NOx emission factor (g/gal)	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00
SOx emission factor (g/gal)	5.79E-02	5.79E-02	5.79E-02	5.79E-02	5.79E-02	5.79E-02	5.79E-02	5.79E-02	5.79E-02	5.79E-02	5.79E-02	5.79E-02
PM_{10} emission factor (g/gal)	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01
ENERGY OUTPUT												
Energy used (BTU)	1.4E+09	9.1E+08	5.2E+06	1.3E+07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
CO_2 OUTPUT												
CO_2 emission (metric ton)	1.0E+02	6.8E+01	3.9E-01	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
N_2O emission (metric ton CO_2 e)	3.5E-01	2.4E-01	1.4E-03	3.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
CH_4 emissions (metric ton CO_2 e)	2.4E+00	1.6E+00	9.2E-03	2.4E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
NOx, SOx and PM_{10} OUTPUT												
NOx emission (metric ton)	3.3E-02	2.2E-02	1.2E-04	3.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
SOx emission (metric ton)	5.8E-04	3.9E-04	2.2E-06	5.7E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
PM_{10} emission (metric ton)	2.9E-03	1.9E-03	1.1E-05	2.9E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
ACCIDENT RISK												
Fatality risk	1.7E-04	1.1E-04	7.0E-07	1.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Injury risk	1.3E-02	8.9E-03	5.7E-05	1.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

TOTAL FROM SHARED LOAD ROAD TRANSPORTATION	
CO_2 e Emission (metric ton)	1.8E+02
Onsite NOx Emission (metric ton)	NA
Onsite SOx Emission (metric ton)	NA
Onsite PM_{10} Emission (metric ton)	NA
Offsite NOx Emission (metric ton)	5.5E-02
Offsite SOx Emission (metric ton)	9.7E-04
Offsite PM_{10} Emission (metric ton)	4.9E-03
Accident Risk - Fatality	2.8E-04
Accident Risk - Injury	2.2E-02
Water Used (gallons)	NA
Energy Used (BTU)	2.3E+09
Energy Used (MWh)	NA

TOTAL FROM EQUIPMENT TRANSPORTATION	
CO_2 e Emission (metric ton)	1.8E+02
Onsite NOx Emission (metric ton)	NA
Onsite SOx Emission (metric ton)	NA
Onsite PM_{10} Emission (metric ton)	NA
Offsite NOx Emission (metric ton)	5.5E-02
Offsite SOx Emission (metric ton)	9.7E-04
Offsite PM_{10} Emission (metric ton)	4.9E-03
Accident Risk - Fatality	2.8E-04
Accident Risk - Injury	2.2E-02
Water Used (gallons)	NA
Energy Used (MMBTU)	2.3E+03
Energy Used (MWh)	NA

This worksheet allows the user to calculate the environmental footprint of earthwork activities

Yellow cells	value chosen from drop down menu on input sheet
White cells	value entered on input sheet
Orange cells	provide the output of the tool
Blue Cells	tool calculations and automatic lookups

EARTHWORK EQUIPMENT

	Equipment 1	Equipment 2	Equipment 3	Equipment 4	Equipment 5	Equipment 6	Equipment 7	Equipment 8	Equipment 9	Equipment 10	Equipment 11	Equipment 12
Earthwork equipment type	Excavator	Excavator	Dozer	Dozer	Dozer	Dozer	Dozer	Dozer	Dozer	Dozer	Dozer	Dozer
Fuel type	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Volume of material to be removed (yd^3)	50,201	50,201	0	0	0	0	0	0	0	0	0	0
Will DIESEL-run equipment be retrofitted with a particulate reduction technology?	Yes	Yes	No	No	No	No	No	No	No	No	No	No
Approximate net power (hp)	515	515	65	65	65	65	65	65	65	65	65	65
Production rate (yd^3/hr)	329	329	0	0	0	0	0	0	0	0	0	0
Consumption rate (gal/hr)	21	21	5	5	5	5	5	5	5	5	5	5
Equipment operating hours (hr)	223.1	223.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fuel used (gal)	4773.3	4773.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BTU per gallon fuel used	135,847	135,847	135,847	135,847	135,847	135,847	135,847	135,847	135,847	135,847	135,847	135,847
CO_2 emission factor (g/hr)	1.70E+05	1.70E+05	2.99E+04	2.99E+04	2.99E+04	2.99E+04	2.99E+04	2.99E+04	2.99E+04	2.99E+04	2.99E+04	2.99E+04
N_2O emission factor (g/hr)	4.71E+00	4.71E+00	1.12E+00	1.12E+00	1.12E+00	1.12E+00	1.12E+00	1.12E+00	1.12E+00	1.12E+00	1.12E+00	1.12E+00
CH_4 emission factor (g/hr)	1.07E+01	1.07E+01	2.55E+00	2.55E+00	2.55E+00	2.55E+00	2.55E+00	2.55E+00	2.55E+00	2.55E+00	2.55E+00	2.55E+00
Onsite NOx emission factor (g/hr)	1.08E+03	1.08E+03	1.66E+02	1.66E+02	1.66E+02	1.66E+02	1.66E+02	1.66E+02	1.66E+02	1.66E+02	1.66E+02	1.66E+02
Onsite SOx emission factor (g/hr)	2.63E+02	2.63E+02	4.10E+01	4.10E+01	4.10E+01	4.10E+01	4.10E+01	4.10E+01	4.10E+01	4.10E+01	4.10E+01	4.10E+01
Onsite PM_{10} emission factor (g/hr)	7.50E+01	7.50E+01	2.10E+01	2.10E+01	2.10E+01	2.10E+01	2.10E+01	2.10E+01	2.10E+01	2.10E+01	2.10E+01	2.10E+01
Offsite NOx emission factor (g/hr)	1.3E+02	1.3E+02	3.1E+01	3.1E+01	3.1E+01	3.1E+01	3.1E+01	3.1E+01	3.1E+01	3.1E+01	3.1E+01	3.1E+01
Offsite SOx emission factor (g/hr)	6.9E+01	6.9E+01	1.6E+01	1.6E+01	1.6E+01	1.6E+01	1.6E+01	1.6E+01	1.6E+01	1.6E+01	1.6E+01	1.6E+01
Offsite PM_{10} emission factor (g/hr)	2.0E+01	2.0E+01	4.7E+00	4.7E+00	4.7E+00	4.7E+00	4.7E+00	4.7E+00	4.7E+00	4.7E+00	4.7E+00	4.7E+00
ENERGY OUTPUT												
Energy used (BTU)	6.5E+08	6.5E+08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
CO_2 OUTPUT												
CO_2 emission - (metric ton)	3.8E+01	3.8E+01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
N_2O emission (metric ton CO_2 e)	3.3E-01	3.3E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
CH_4 emissions (metric ton CO_2 e)	5.0E-02	5.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
NOx, SOx and PM_{10} OUTPUT												
Offsite NOx emission (metric ton)	2.9E-02	2.9E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Offsite SOx emission (metric ton)	1.5E-02	1.5E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Offsite PM_{10} emission (metric ton)	4.4E-03	4.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Onsite NOx emission (metric ton)	2.4E-01	2.4E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Onsite SOx emission (metric ton)	5.9E-02	5.9E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Onsite PM_{10} emission (metric ton)	5.0E-03	5.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
ACCIDENT RISK												
Fatality risk	2.0E-05	2.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Injury risk	5.1E-03	5.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

TOTAL FROM BACKHOE, DOZER, AND SCRAPER OPERATION	
CO_2 e Emission (metric ton)	7.7E+01
Onsite NOx Emission (metric ton)	4.8E-01
Onsite SOx Emission (metric ton)	1.2E-01
Onsite PM_{10} Emission (metric ton)	1.0E-02
Offsite NOx Emission (metric ton)	5.9E-02
Offsite SOx Emission (metric ton)	3.1E-02
Offsite PM_{10} Emission (metric ton)	8.8E-03
Accident Risk - Fatality	4.1E-05
Accident Risk - Injury	1.0E-02
Water Used (gallons)	NA
Energy Used (MMBTU)	1.3E+03
Energy Used (MWh)	NA

TOTAL FROM EARTHWORK EQUIPMENT OPERATION	
CO_2 e Emission (metric ton)	7.7E+01
Onsite NOx Emission (metric ton)	4.8E-01
Onsite SOx Emission (metric ton)	1.2E-01
Onsite PM_{10} Emission (metric ton)	1.0E-02
Offsite NOx Emission (metric ton)	5.9E-02
Offsite SOx Emission (metric ton)	3.1E-02
Offsite PM_{10} Emission (metric ton)	8.8E-03
Accident Risk - Fatality	4.1E-05
Accident Risk - Injury	1.0E-02
Water Used (gallons)	NA
Energy Used (MMBTU)	1.3E+03
Energy Used (MWh)	NA

This worksheet allows the user to calculate the environmental footprint of residual handling

The different columns allow the user to calculate and compare the emissions for different types of residue such as soil, water, and materials

Yellow cells	value chosen from drop down menu on input sheet
White cells	value entered on input sheet
Orange cells	provide the output of the tool
Blue Cells	tool calculations and automatic lookups

RESIDUE DISPOSAL/RECYCLING

	CEC	CENC	CE Beth	CENJ	CEP	KTC Fairless	Other Residuals	Other Residuals	Other Residuals	Other Residuals	Other Residuals	Other Residuals
Will DIESEL-run vehicles be retrofitted with a particulate reduction technology?	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No
Weight of the waste transported to landfill or recycling (tons)	30.0	30.0	30.0	30.0	30.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0
Fuel used	Diesel	Diesel	Diesel	Diesel	Diesel	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
Total number of trips	421.0	397.0	1095.0	21.0	161.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0
Number of miles per trip	30.0	130.0	100.0	35.0	110.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0
Total distance traveled (miles)	12630	51610	109500	735	17710	3600	0	0	0	0	0	0
Fuel efficiency by weight of load (mpg)	4.3	4.3	4.3	4.3	4.3	4.3	7.4	7.4	7.4	7.4	7.4	7.4
Total fuel used (gal)	2918.2	11924.7	25300.4	169.8	4092.0	831.8	0.0	0.0	0.0	0.0	0.0	0.0
BTU per gallon fuel used	135,847	135,847	135,847	135,847	135,847	139,015	139,015	139,015	139,015	139,015	139,015	139,015
CO_2 emission factor (g/gal)	1.01E+04	1.01E+04	1.01E+04	1.01E+04	1.01E+04	9.84E+03	9.84E+03	9.84E+03	9.84E+03	9.84E+03	9.84E+03	9.84E+03
N_2O emission factor (g/gal)	1.14E-01	1.14E-01	1.14E-01	1.14E-01	1.14E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01
CH_4 emission factor (g/gal)	1.14E+01	1.14E+01	1.14E+01	1.14E+01	1.14E+01	1.18E+01	1.18E+01	1.18E+01	1.18E+01	1.18E+01	1.18E+01	1.18E+01
NOx emission factor (g/gal)	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00	3.27E+00
SOx emission factor (g/gal)	5.79E-02	5.79E-02	5.79E-02	5.79E-02	5.79E-02	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01	1.33E-01
PM_{10} emission factor (g/gal)	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.65E-01	2.65E-01	2.65E-01	2.65E-01	2.65E-01	2.65E-01	2.65E-01
ENERGY OUTPUT												
Energy used (BTU)	4.0E+08	1.6E+09	3.4E+09	2.3E+07	5.6E+08	1.2E+08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
CO_2 OUTPUT												
CO_2 emission (metric ton)	3.0E+01	1.2E+02	2.6E+02	1.7E+00	4.1E+01	8.2E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
N_2O emission (metric ton CO_2 e)	1.0E-01	4.2E-01	9.0E-01	6.0E-03	1.4E-01	5.4E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
CH_4 emissions (metric ton CO_2 e)	7.0E-01	2.9E+00	6.1E+00	4.1E-02	9.8E-01	2.1E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
NOx, SOx and PM_{10} OUTPUT												
NOx emission (metric ton)	9.5E-03	3.9E-02	8.3E-02	5.6E-04	1.3E-02	2.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
SOx emission (metric ton)	1.7E-04	6.9E-04	1.5E-03	9.8E-06	2.4E-04	1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
PM_{10} emission (metric ton)	2.5E-04	1.0E-03	2.2E-03	1.5E-05	3.6E-04	2.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
ACCIDENT RISK												
Fatality risk	9.9E-05	4.0E-04	8.5E-04	5.7E-06	1.4E-04	2.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Injury risk	7.9E-03	3.2E-02	6.9E-02	4.6E-04	1.1E-02	2.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

TOTAL FROM RESIDUAL HANDLING	
CO_2 e Emission (metric ton)	4.7E+02
Onsite NOx Emission (metric ton)	NA
Onsite SOx Emission (metric ton)	NA
Onsite PM_{10} Emission (metric ton)	NA
Offsite NOx Emission (metric ton)	1.5E-01
Offsite SOx Emission (metric ton)	2.7E-03
Offsite PM_{10} Emission (metric ton)	4.1E-03
Accident Risk - Fatality	1.5E-03
Accident Risk - Injury	1.2E-01
Water Used (gallons)	NA
Energy Used (MMBTU)	6.1E+03
Energy Used (MWh)	NA

TOTAL FROM RESIDUAL HANDLING	
CO_2 e Emission (metric ton)	4.7E+02
Onsite NOx Emission (metric ton)	0.0E+00
Onsite SOx Emission (metric ton)	0.0E+00
Onsite PM_{10} Emission (metric ton)	0.0E+00
Offsite NOx Emission (metric ton)	1.5E-01
Offsite SOx Emission (metric ton)	2.7E-03
Offsite PM_{10} Emission (metric ton)	4.1E-03
Accident Risk - Fatality	1.5E-03
Accident Risk - Injury	1.2E-01
Water Used (gallons)	NA
Energy Used (MMBTU)	6.1E+03
Energy Used (MWh)	NA

Climate Screening Checklist

Background Information

- Project Manager: Steven Wu, DEC Project Manager
- Site Name: 12096 Flatlands Avenue
- Site Number: NYSDEC BCP Site No. C224290
- Site Location: 12096 Flatlands Avenue, Brooklyn, NY
- Site Elevation (average above sea level): Steven Wu, DEC Project Manager
- ClimAID Region (Responding Climate Change in New York State (ClimAID) - NYSERDA): Region 4
- Remedial Stage/site classification:

  Site Classification: Active

- Contamination - Media Impacted/ Contaminants of Concern:

  Impacted media include soil, groundwater, and soil vapor. Analytical data indicates that fill material contains SVOCs, pesticides, PCBs and metals at concentrations greater than the Unrestricted Use SCOs, Restricted-Residential RUSCOs, and/or the Protection of Groundwater SCOs and PFAS at concentrations greater than the Unrestricted Use Guidance Values. Groundwater contains SVOCs and metals above the SGVs and PFAS above the NYSDEC guidance thresholds. Soil vapor at the Site is impacted with low levels of petroleum-related VOCs and CVOCs (cis-1,2 DCE and vinyl chloride) which were detected at concentrations above the NYSDOH guidance levels which would trigger monitoring or mitigation if detected as part of a post-remediation soil vapor intrusion evaluation.

- Proposed/Current Remedy:

  The Track 2 Restricted-Residential Remedy includes excavation of fill material between 15 and 20 feet below ground surface (bgs), excavation of six hotspot areas up to 23.5 feet bgs, collection of endpoint samples, installation of a vapor barrier membrane, recording of an Environmental Easement and established of a Site Management Plan.

- What is the predicted timeframe of the remedy? Will components of the remedy still be in place in 10+ years?

  The predicted time frame is 50+ years. Components of the remedy will still be in place in 10+ years.

- Is the site in proximity to any sensitive receptors? (e.g. wetlands, waterbodies, residential properties, hospitals, schools, drinking water supplies, etc.)

  Surrounding properties include commercial, industrial, and automotive uses to the north, residential properties to the east and south, and parking lots and the CCC building to the west. No sensitive receptors were identified within 500 feet of the Site.

Is the site in a disadvantaged community (DAC) or potential environmental justice area (PEJA) (Use DECinfolocator: DECinfo Locator (ny.gov))?

☒ **Yes** ☐ **No**

If the site is in a DAC or PEJA, will climate impacts be magnified? If yes, list how and why.

☐ **Yes** ☒ **No**

Should thresholds of concern be lowered to account for magnification of impacts? If yes, indicate how lower thresholds will be used in the screening.

N/A ☐ **Yes** ☐ **No**

Climate Screening Table*

Potential Climate Hazards	**Relevant to the Site Location** (Y/N/NA)[1]	**Projected Change** (Reference data source/Model)[3]	**Potential to Impact Remedy** (Y/N)	**Is remedy/site already resilient?** (Y/N)[4]
Precipitation	N	N (RAPT ArcGIS)	N/A	N/A
Temperature[2] (Extreme Heat or Cold Weather Impacts)	Y	3-7 Day Hazardous Heat (RAPT ArcGIS)	N	Y
Sea Level Rise	N	N (NOAA)	N/A	N/A
Flooding	N	N/A	N/A	N/A
Storm Surge	Y	<3 feet above ground (NHC Storm Surge Map)	N	Y
Wildfire	N	N/A	N/A	N/A
Drought	N	N/A	N/A	N/A
Storm Severity	N	N (RAPT ArcGIS)	N/A	N/A
Landslides	N	N/A	N/A	N/A
Other Hazards:	N/A	N/A	N/A	N/A

* Links to potential data sources can be found on the following page

[1] If the first column is N --> The rest of the columns will be N/A, the hazard is not applicable to the site.

[2] Extreme Heat: periods of three or more days above 90°F- Extreme Cold: Individual days with minimum temperatures at or below 0 degrees F (NYSERDA ClimAID report)

[3] List the projected change in specific terms or units e.g. inches of rain fall, feet of sea level rise, etc.

[4] If final column is Y, provide reasoning, if the final column is N --> Climate Vulnerability Assessment (CVA) required.

Required Next Steps (If no further action is required, provide justification):

Temperature hazards for building residents are not anticipated because the building will be constructed with a central HVAC system.

Storm surge hazards for building residents are not anticipated. Based on the National Hurricane Center Storm Surge Risk Maps dated 2021, a storm surge is likely to impact the site for a Category 3 or higher storm. The NYC Risk Landscape: Guide to Hazardous Mitigation cites the National Hurricane Center data point that Category 3 storms only impact NYC every 74 years.

APPENDIX R

Dewatering Gauging Data and Analytical Results

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Flatlands Avenue Dewatering - Monitoring Well Logs															
Date	Time	MW-1 (EL 15)		MW-2 (EL 14)		MW-3 (EL 13.25)		MW-4 (EL 14)		MW-5 (EL 18)		MW-6 (EL 22)		MW-7 (EL 2.6)	
		Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)
8/8/2024	11:00 AM	12.0	3.0	11.7	2.3	11.3	2.0	11.0	3.0	15.8	2.2	18.8	3.2	7.4	-4.8
8/9/2024	10:00 AM	13.3	1.7	13.0	1.0	13.4	-0.2	13.6	0.4	18.1	-0.1	22.0	0.0	8.0	-5.4
8/10/2024	10:00 AM	13.6	1.4	13.4	0.6	13.6	-0.4	13.8	0.2	18.5	-0.5	22.0	0.0	8.4	-5.8
8/11/2024	11:00 AM	16.2	-1.2	16.1	-2.1	15.5	-2.3	15.8	-1.8	19.7	-1.7	23.4	-1.4	9.7	-7.1
8/12/2024	11:00 AM	16.5	-1.5	16.9	-2.9	15.8	-2.6	16.1	-2.1	20.1	-2.1	23.7	-1.7	9.9	-7.3
8/13/2024	10:00 AM	18.2	-3.2	18.1	-4.1	18.9	-5.7	18.2	-4.2	20.8	-2.8	24.4	-2.4	11.9	-9.3
8/14/2024	11:00 AM	18.4	-3.4	18.4	-4.4	19.7	-6.5	19.5	-5.5	22.2	-4.2	25.5	-3.5	11.8	-9.2
8/15/2024	10:00 AM	18.7	-3.7	18.7	-4.7	20.1	-6.9	19.9	-5.9	22.5	-4.5	25.8	-3.8	12.0	-9.4
8/16/2024	10:00 AM	18.7	-3.7	18.7	-4.7	20.0	-6.8	19.5	-5.5	22.6	-4.6	26.0	-4.0	12.0	-9.4
8/17/2024	11:00 AM	18.7	-3.7	18.6	-4.6	19.6	-6.4	19.3	-5.3	22.5	-4.5	25.9	-3.9	12.0	-9.4
8/18/2024	10:00 AM	18.7	-3.7	18.6	-4.6	19.6	-6.4	19.3	-5.3	22.5	-4.5	25.9	-3.9	12.0	-9.4
8/19/2024	10:00 AM	18.6	-3.6	18.6	-4.6	19.5	-6.3	19.2	-5.2	22.4	-4.4	25.8	-3.8	11.9	-9.3
8/20/2024	10:00 AM	18.9	-3.9	18.9	-4.9	19.9	-6.7	19.5	-5.5	22.6	-4.6	25.9	-3.9	12.2	-9.6
8/21/2024	11:00 AM	19.1	-4.1	19.1	-5.1	20.1	-6.9	19.7	-5.7	22.9	-4.9	26.2	-4.2	12.4	-9.8
8/22/2024	10:00 AM	19.3	-4.3	19.2	-5.2	20.3	-7.1	19.8	-5.8	23.0	-5.0	26.4	-4.4	12.5	-9.9
8/23/2024	10:00 AM	19.3	-4.3	19.2	-5.2	20.3	-7.1	19.8	-5.8	23.1	-5.1	26.4	-4.4	12.7	-10.1
8/24/2024	10:00 AM	19.3	-4.3	19.3	-5.3	20.5	-7.3	20.0	-6.0	23.2	-5.2	26.7	-4.7	12.7	-10.1
8/25/2024	11:00 AM	19.0	-4.0	19.0	-5.0	19.0	-5.8	20.0	-6.0	23.0	-5.0	26.0	-4.0	12.5	-9.9
8/26/2024	10:00 AM	19.2	-4.2	19.2	-5.2	20.4	-7.2	19.9	-5.9	23.3	-5.3	26.4	-4.4	12.4	-9.8
8/27/2024	10:00 AM	19.5	-4.5	19.5	-5.5	20.7	-7.5	20.3	-6.3	23.6	-5.6	26.9	-4.9	13.2	-10.6
8/28/2024	10:00 AM	19.5	-4.5	19.4	-5.4	20.5	-7.3	20.1	-6.1	23.5	-5.5	26.9	-4.9	13.0	-10.4
8/29/2024	11:00 AM	19.7	-4.7	19.6	-5.6	20.6	-7.4	20.3	-6.3	23.6	-5.6	26.8	-4.8	13.2	-10.6
8/30/2024	11:00 AM	19.5	-4.5	19.5	-5.5	20.7	-7.5	20.5	-6.5	23.6	-5.6	26.3	-4.3	12.8	-10.2
8/31/2024	11:00 AM	19.5	-4.5	19.5	-5.5	20.6	-7.4	20.5	-6.5	23.6	-5.6	26.3	-4.3	12.8	-10.2
9/1/2024	11:00 AM	19.5	-4.5	19.5	-5.5	20.9	-7.7	20.5	-6.5	23.6	-5.6	26.9	-4.9	12.9	-10.3
9/2/2024	10:00 AM	19.5	-4.5	19.0	-5.0	20.9	-7.7	20.2	-6.2	23.5	-5.5	26.3	-4.3	12.8	-10.2
9/3/2024	11:00 AM	19.8	-4.8	19.4	-5.4	20.8	-7.6	20.6	-6.6	23.2	-5.2	26.3	-4.3	13.4	-10.8
9/4/2024	11:00 AM	20.0	-5.0	20.1	-6.1	21.2	-8.0	21.8	-7.8	23.2	-5.2	26.2	-4.2	15.7	-13.1
9/5/2024	11:00 AM	20.3	-5.3	20.1	-6.1	21.3	-8.1	20.9	-6.9	23.7	-5.7	27.0	-5.0	16.0	-13.4
9/6/2024	11:00 AM	18.4	-3.4	18.2	-4.2	19.2	-6.0	19.2	-5.2	23.5	-5.5	27.0	-5.0	12.3	-9.7

Flatlands Avenue Dewatering - Monitoring Well Logs															
Date	Time	MW-1 (EL 15)		MW-2 (EL 14)		MW-3 (EL 13.25)		MW-4 (EL 14)		MW-5 (EL 18)		MW-6 (EL 22)		MW-7 (EL 2.6)	
		Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)
9/7/2024	11:00 AM	19.1	-4.1	18.9	-4.9	19.7	-6.5	19.3	-5.3	21.8	-3.8	25.4	-3.4	12.2	-9.6
9/8/2024	11:00 AM	19.0	-4.0	19.1	-5.1	20.0	-6.8	20.1	-6.1	23.0	-5.0	26.1	-4.1	12.2	-9.6
9/9/2024	11:00 AM	20.9	-5.9	20.6	-6.6	21.4	-8.2	21.0	-7.0	24.1	-6.1	26.9	-4.9	13.9	-11.3
9/10/2024	11:00 AM	19.8	-4.8	19.8	-5.8	21.1	-7.9	20.7	-6.7	22.2	-4.2	26.9	-4.9	13.2	-10.6
9/11/2024	11:00 AM	19.9	-4.9	19.9	-5.9	21.2	-8.0	20.8	-6.8			26.9	-4.9	13.3	-10.7
9/12/2024	11:00 AM	19.2	-4.2	19.9	-5.9	21.2	-8.0	20.8	-6.8			26.9	-4.9	13.3	-10.7
9/13/2024	11:00 AM	19.9	-4.9	19.9	-5.9	21.2	-8.0	19.9	-5.9	22.5	-4.5	26.9	-4.9	13.4	-10.8
9/14/2024	11:00 AM	18.0	-3.0	18.0	-4.0	18.7	-5.5	18.6	-4.6	22.4	-4.4	22.4	-0.4	10.9	-8.3
9/15/2024	11:00 AM	16.2	-1.2	16.1	-2.1	16.9	-3.7	16.0	-2.0	19.4	-1.4	19.4	2.6	10.4	-7.8
9/16/2024	11:00 AM	18.5	-3.5	18.6	-4.6	19.7	-6.5	18.8	-4.8	21.7	-3.7	26.9	-4.9	11.5	-8.9
9/17/2024	11:00 AM	19.5	-4.5	19.5	-5.5	19.7	-6.5	20.5	-6.5	22.4	-4.4	26.9	-4.9	12.9	-10.3
9/18/2024	11:00 AM	19.5	-4.5	19.6	-5.6	20.7	-7.5	20.2	-6.2	22.6	-4.6	26.9	-4.9	13.0	-10.4
9/19/2024	11:00 AM	21.4	-6.4	21.2	-7.2	21.9	-8.7	21.5	-7.5	22.6	-4.6	26.9	-4.9	15.0	-12.4
9/20/2024	11:00 AM	21.8	-6.8	21.6	-7.6	22.3	-9.1	21.9	-7.9	22.6	-4.6	26.9	-4.9	15.5	-12.9
9/21/2024	11:00 AM	22.2	-7.2	22.1	-8.1	22.6	-9.4	22.2	-8.2	22.6	-4.6	26.9	-4.9	15.7	-13.1
9/22/2024	11:00 AM	22.4	-7.4	22.2	-8.2	22.7	-9.5	22.3	-8.3	22.7	-4.7	26.9	-4.9	15.8	-13.2
9/23/2024	11:00 AM	22.5	-7.5	22.3	-8.3	22.9	-9.7	22.9	-8.9	22.7	-4.7	27.0	-5.0	16.9	-14.3
9/24/2024	11:00 AM	23.8	-8.8	22.8	-8.8	22.8	-9.6	22.6	-8.6	22.8	-4.8	27.1	-5.1	17.4	-14.8
9/25/2024	11:00 AM	23.0	-8.0	22.8	-8.8	23.0	-9.8	22.6	-8.6	22.6	-4.6	26.9	-4.9	17.4	-14.8
9/26/2024	11:00 AM	23.2	-8.2	22.8	-8.8	23.0	-9.8	22.6	-8.6	22.6	-4.6	26.9	-4.9	17.4	-14.8
9/27/2024	11:00 AM	22.7	-7.7	22.2	-8.2	22.2	-9.0	21.6	-7.6	22.5	-4.5	27.0	-5.0	18.0	-15.4
9/28/2024	11:00 AM	22.9	-7.9	22.6	-8.6	22.6	-9.4	22.0	-8.0	22.6	-4.6	27.0	-5.0	16.7	-14.1
9/29/2024	11:00 AM	22.9	-7.9	22.6	-8.6	22.6	-9.4	22.0	-8.0	22.7	-4.7	26.9	-4.9	16.6	-14.0
9/30/2024	11:00 AM	22.8	-7.8	22.5	-8.5	22.6	-9.4	22.9	-8.9	22.5	-4.5	27.0	-5.0	18.9	-16.3
10/1/2024	11:00 AM	23.1	-8.1	22.8	-8.8	22.8	-9.6	22.1	-8.1	22.6	-4.6	26.9	-4.9	17.2	-14.6
10/2/2024	11:00 AM	22.7	-7.7	22.5	-8.5	22.3	-9.1	21.7	-7.7	22.7	-4.7	27.0	-5.0	16.6	-14.0
10/3/2024	11:00 AM	22.7	-7.7	22.9	-8.9	22.4	-9.2	21.7	-7.7	22.6	-4.6	27.0	-5.0	16.6	-14.0
10/4/2024	11:00 AM	23.2	-8.2	22.8	-8.8	22.8	-9.6	22.1	-8.1	22.8	-4.8	26.9	-4.9	17.3	-14.7

Flatlands Avenue Dewatering - Monitoring Well Logs															
Date	Time	MW-1 (EL 15)		MW-2 (EL 14)		MW-3 (EL 13.25)		MW-4 (EL 14)		MW-5 (EL 18)		MW-6 (EL 22)		MW-7 (EL 2.6)	
		Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)
10/5/2024	11:00 AM	22.4	-7.4	23.0	-9.0	22.9	-9.7	22.3	-8.3	22.7	-4.7	26.8	-4.8	17.6	-15.0
10/6/2024	11:00 AM	23.5	-8.5	23.2	-9.2	23.1	-9.9	22.5	-8.5	22.6	-4.6	26.9	-4.9	17.7	-15.1
10/7/2024	11:00 AM	23.5	-8.5	23.2	-9.2	23.0	-9.8	22.4	-8.4	22.7	-4.7	27.0	-5.0	17.4	-14.8
10/8/2024	11:00 AM	23.6	-8.6	23.3	-9.3	23.2	-10.0	22.6	-8.6	22.8	-4.8	26.8	-4.8	16.8	-14.2
10/9/2024	11:00 AM	23.6	-8.6	23.3	-9.3	23.2	-10.0	22.6	-8.6	22.6	-4.6	26.8	-4.8	16.7	-14.1
10/10/2024	11:00 AM	22.3	-7.3	22.2	-8.2	22.4	-9.2	21.8	-7.8	22.4	-4.4	26.9	-4.9	17.0	-14.4
10/11/2024	11:00 AM	22.7	-7.7	22.6	-8.6	22.7	-9.5	22.0	-8.0	22.5	-4.5	26.8	-4.8	17.2	-14.6
10/12/2024	11:00 AM	22.7	-7.7	22.6	-8.6	22.6	-9.4	22.0	-8.0	22.4	-4.4	26.9	-4.9	18.7	-16.1
10/13/2024	11:00 AM	22.8	-7.8	22.7	-8.7	22.8	-9.6	22.2	-8.2	22.4	-4.4	26.9	-4.9	18.8	-16.2
10/14/2024	11:00 AM	22.8	-7.8	22.6	-8.6	22.7	-9.5	22.7	-8.7	22.5	-4.5	26.8	-4.8	18.8	-16.2
10/15/2024	11:00 AM	22.8	-7.8	22.6	-8.6	22.7	-9.5	21.7	-7.7	22.5	-4.5	26.7	-4.7	18.8	-16.2
10/16/2024	11:00 AM	22.4	-7.4	22.2	-8.2	21.9	-8.7	21.4	-7.4	22.5	-4.5	26.7	-4.7	18.5	-15.9
10/17/2024	11:00 AM	21.6	-6.6	21.7	-7.7	21.8	-8.6	21.4	-7.4	22.7	-4.7	26.8	-4.8	18.2	-15.6
10/18/2024	11:00 AM	21.3	-6.3	21.7	-7.7	21.3	-8.1	20.1	-6.1	22.8	-4.8	26.8	-4.8	17.4	-14.8
10/19/2024	11:00 AM	20.1	-5.1	20.7	-6.7	21.0	-7.8	20.5	-6.5	23.0	-5.0	27.1	-5.1	17.0	-14.4
10/20/2024	11:00 AM	20.8	-5.8	20.7	-6.7	21.0	-7.8	20.4	-6.4	23.2	-5.2	27.0	-5.0	17.0	-14.4
10/21/2024	11:00 AM	21.9	-6.9	20.9	-6.9	21.2	-8.0	20.8	-6.8	23.0	-5.0	27.0	-5.0	17.4	-14.8
10/22/2024	11:00 AM	21.8	-6.8	21.4	-7.4	21.4	-8.2	21.2	-7.2	22.5	-4.5	26.8	-4.8	17.8	-15.2
10/23/2024	11:00 AM	21.7	-6.7	21.9	-7.9	21.4	-8.2	21.6	-7.6	22.5	-4.5	26.8	-4.8	17.9	-15.3
10/24/2024	11:00 AM	21.5	-6.5	21.4	-7.4	21.8	-8.6	21.5	-7.5	22.8	-4.8	26.5	-4.5	18.4	-15.8
10/25/2024	11:00 AM	21.2	-6.2	21.1	-7.1	21.6	-8.4	21.2	-7.2	22.1	-4.1	26.4	-4.4	18.6	-16.0
10/26/2024	11:00 AM	21.2	-6.2	21.5	-7.5	21.4	-8.2	21.1	-7.1	23.2	-5.2	26.8	-4.8	18.7	-16.1
10/27/2024	11:00 AM	21.3	-6.3	21.4	-7.4	21.6	-8.4	21.1	-7.1	22.9	-4.9	27.0	-5.0	18.4	-15.8
10/28/2024	11:00 AM	21.1	-6.1	20.8	-6.8	21.9	-8.7	20.9	-6.9	23.1	-5.1	26.9	-4.9	18.8	-16.2
10/29/2024	11:00 AM	21.0	-6.0	20.9	-6.9	22.0	-8.8	21.0	-7.0	23.0	-5.0	27.0	-5.0	18.5	-15.9
10/30/2024	11:00 AM	21.2	-6.2	21.0	-7.0	22.1	-8.9	21.0	-7.0	23.1	-5.1	26.8	-4.8	18.4	-15.8
10/31/2024	11:00 AM	21.0	-6.0	21.2	-7.2	21.9	-8.7	21.1	-7.1	23.0	-5.0	27.1	-5.1	18.5	-15.9
11/1/2024	11:00 AM	21.0	-6.0	21.2	-7.2	22.0	-8.8	21.2	-7.2	23.1	-5.1	27.1	-5.1	18.8	-16.2
11/2/2024	11:00 AM	20.9	-5.9	21.3	-7.3	21.9	-8.7	21.0	-7.0	23.0	-5.0	27.0	-5.0	18.9	-16.3
11/3/2024	11:00 AM	21.0	-6.0	21.0	-7.0	22.0	-8.8	21.0	-7.0	23.1	-5.1	26.9	-4.9	18.4	-15.8

Flatlands Avenue Dewatering - Monitoring Well Logs															
Date	Time	MW-1 (EL 15)		MW-2 (EL 14)		MW-3 (EL 13.25)		MW-4 (EL 14)		MW-5 (EL 18)		MW-6 (EL 22)		MW-7 (EL 2.6)	
		Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)
11/4/2024	11:00 AM	21.0	-6.0	20.8	-6.8	21.5	-8.3	21.0	-7.0	23.0	-5.0	27.0	-5.0	18.6	-16.0
11/5/2024	11:00 AM	21.0	-6.0	20.8	-6.8	21.3	-8.1	21.0	-7.0	23.0	-5.0	27.1	-5.1	18.7	-16.1
11/6/2024	11:00 AM	20.7	-5.7	20.6	-6.6	21.2	-8.0	20.7	-6.7	22.8	-4.8	27.4	-5.4	18.6	-16.0
11/7/2024	11:00 AM	20.8	-5.8	20.7	-6.7	21.3	-8.1	20.8	-6.8	23.0	-5.0	27.2	-5.2	18.5	-15.9
11/8/2024	11:00 AM	20.8	-5.8	20.7	-6.7	21.3	-8.1	20.8	-6.8	23.1	-5.1	27.0	-5.0	18.4	-15.8
11/9/2024	11:00 AM	20.9	-5.9	20.8	-6.8	21.4	-8.2	21.0	-7.0	23.1	-5.1	27.3	-5.3	18.3	-15.7
11/10/2024	11:00 AM	20.8	-5.8	20.7	-6.7	21.4	-8.2	21.0	-7.0	23.2	-5.2	27.1	-5.1	18.3	-15.7
11/11/2024	11:00 AM	20.8	-5.8	20.7	-6.7	21.3	-8.1	21.3	-7.3	23.3	-5.3	27.2	-5.2	18.4	-15.8
11/12/2024	11:00 AM	20.8	-5.8	20.6	-6.6	21.2	-8.0	21.3	-7.3	23.3	-5.3	27.2	-5.2	18.4	-15.8
11/13/2024	11:00 AM	20.8	-5.8	20.6	-6.6	21.2	-8.0	21.2	-7.2	23.4	-5.4	27.4	-5.4	18.5	-15.9
11/14/2024	11:00 AM	20.8	-5.8	20.6	-6.6	21.2	-8.0	21.2	-7.2	23.4	-5.4	27.1	-5.1	18.4	-15.8
11/15/2024	11:00 AM	20.8	-5.8	20.6	-6.6	21.2	-8.0	21.2	-7.2	23.1	-5.1	27.0	-5.0	18.3	-15.7
11/16/2024	11:00 AM	20.6	-5.6	20.7	-6.7	21.0	-7.8	21.0	-7.0	23.2	-5.2	27.1	-5.1	18.3	-15.7
11/17/2024	11:00 AM	20.7	-5.7	20.6	-6.6	21.1	-7.9	21.0	-7.0	23.1	-5.1	27.2	-5.2	18.4	-15.8
11/18/2024	11:00 AM	20.7	-5.7	20.6	-6.6	21.2	-8.0	21.1	-7.1	23.1	-5.1	27.1	-5.1	18.4	-15.8
11/19/2024	11:00 AM	20.7	-5.7	20.6	-6.6	21.0	-7.8	21.2	-7.2	23.2	-5.2	27.1	-5.1	18.5	-15.9
11/20/2024	11:00 AM	20.6	-5.6	20.5	-6.5	21.0	-7.8	21.0	-7.0	23.2	-5.2	27.1	-5.1	18.4	-15.8
11/21/2024	11:00 AM	20.7	-5.7	20.6	-6.6	20.6	-7.4	21.0	-7.0	23.1	-5.1	27.2	-5.2	18.4	-15.8
11/22/2024	11:00 AM	20.2	-5.2	20.1	-6.1	20.9	-7.7	20.6	-6.6	23.2	-5.2	27.2	-5.2	18.3	-15.7
11/23/2024	11:00 AM	20.6	-5.6	20.5	-6.5	21.0	-7.8	20.8	-6.8	23.2	-5.2	27.2	-5.2	18.3	-15.7
11/24/2024	11:00 AM	20.6	-5.6	20.6	-6.6	21.0	-7.8	21.0	-7.0	23.2	-5.2	27.3	-5.3	18.3	-15.7
11/25/2024	11:00 AM	20.3	-5.3	20.1	-6.1	21.1	-7.9	20.8	-6.8	23.3	-5.3	27.3	-5.3	18.3	-15.7
11/26/2024	11:00 AM	20.6	-5.6	20.5	-6.5	21.2	-8.0	20.8	-6.8	23.2	-5.2	27.3	-5.3	18.3	-15.7
11/27/2024	11:00 AM	20.5	-5.5	20.4	-6.4	21.1	-7.9	20.8	-6.8	23.2	-5.2	27.2	-5.2	18.4	-15.8
11/28/2024	11:00 AM	20.9	-5.9	20.7	-6.7	21.2	-8.0	20.8	-6.8	23.1	-5.1	27.2	-5.2	18.2	-15.6
11/29/2024	11:00 AM	20.9	-5.9	20.7	-6.7	21.4	-8.2	20.8	-6.8	23.1	-5.1	27.2	-5.2	18.2	-15.6
11/30/2024	11:00 AM	21.0	-6.0	20.8	-6.8	21.4	-8.2	20.9	-6.9	23.1	-5.1	27.2	-5.2	18.2	-15.6
12/1/2024	11:00 AM	21.0	-6.0	20.8	-6.8	21.4	-8.2	20.9	-6.9	23.1	-5.1	27.2	-5.2	18.2	-15.6

Flatlands Avenue Dewatering - Monitoring Well Logs															
Date	Time	MW-1 (EL 15)		MW-2 (EL 14)		MW-3 (EL 13.25)		MW-4 (EL 14)		MW-5 (EL 18)		MW-6 (EL 22)		MW-7 (EL 2.6)	
		Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)
12/2/2024	11:00 AM	21.0	-6.0	20.8	-6.8	21.4	-8.2	20.9	-6.9	23.1	-5.1	27.2	-5.2	18.2	-15.6
12/3/2024	11:00 AM	21.0	-6.0	20.8	-6.8	21.4	-8.2	20.9	-6.9	23.1	-5.1	27.2	-5.2	18.2	-15.6
12/4/2024	11:00 AM	21.0	-6.0	20.8	-6.8	21.4	-8.2	20.9	-6.9	23.0	-5.0	27.2	-5.2	18.2	-15.6
12/5/2024	11:00 AM	21.0	-6.0	20.8	-6.8	21.4	-8.2	20.9	-6.9	23.1	-5.1	27.3	-5.3	18.2	-15.6
12/6/2024	11:00 AM	21.2	-6.2	20.9	-6.9	21.5	-8.3	20.8	-6.8	23.1	-5.1	27.3	-5.3	18.2	-15.6
12/7/2024	11:00 AM	21.2	-6.2	20.9	-6.9	21.5	-8.3	20.9	-6.9	23.0	-5.0	27.3	-5.3	18.2	-15.6
12/8/2024	11:00 AM	21.1	-6.1	20.9	-6.9	21.4	-8.2	20.7	-6.7	23.0	-5.0	27.2	-5.2	18.2	-15.6
12/9/2024	11:00 AM	21.1	-6.1	20.9	-6.9	21.4	-8.2	20.9	-6.9	23.0	-5.0	27.3	-5.3	18.1	-15.5
12/10/2024	11:00 AM	21.0	-6.0	20.8	-6.8	21.4	-8.2	20.9	-6.9	22.9	-4.9	27.2	-5.2	18.1	-15.5
12/11/2024	11:00 AM	20.9	-5.9	20.7	-6.7	21.3	-8.1	20.8	-6.8	22.9	-4.9	27.2	-5.2	18.1	-15.5
12/12/2024	11:00 AM	20.9	-5.9	20.9	-6.9	21.2	-8.0	20.9	-6.9	23.0	-5.0	27.2	-5.2	18.0	-15.4
12/13/2024	11:00 AM	20.9	-5.9	20.9	-6.9	21.2	-8.0	20.9	-6.9	23.0	-5.0	27.1	-5.1	18.0	-15.4
12/14/2024	11:00 AM	21.0	-6.0	21.0	-7.0	21.2	-8.0	20.8	-6.8	23.0	-5.0	27.2	-5.2	18.0	-15.4
12/15/2024	11:00 AM	21.0	-6.0	21.0	-7.0	21.1	-7.9	20.8	-6.8	23.1	-5.1	27.2	-5.2	18.0	-15.4
12/16/2024	11:00 AM	21.2	-6.2	21.0	-7.0	21.3	-8.1	20.9	-6.9	23.2	-5.2	27.4	-5.4	18.1	-15.5
12/17/2024	11:00 AM	21.1	-6.1	20.8	-6.8	21.3	-8.1	20.9	-6.9	23.1	-5.1	27.4	-5.4	18.2	-15.6
12/18/2024	11:00 AM	21.4	-6.4	20.3	-6.3	21.0	-7.8	20.6	-6.6	22.9	-4.9	27.6	-5.6	18.1	-15.5
12/19/2024	11:00 AM	21.0	-6.0	20.0	-6.0	20.6	-7.4	20.4	-6.4	23.2	-5.2	27.2	-5.2	18.0	-15.4
12/20/2024	11:00 AM	20.8	-5.8	20.1	-6.1	20.6	-7.4	20.1	-6.1	23.0	-5.0	27.3	-5.3	18.0	-15.4
12/21/2024	11:00 AM	21.3	-6.3	20.2	-6.2	21.0	-7.8	20.8	-6.8	23.1	-5.1	27.2	-5.2	18.1	-15.5
12/22/2024	11:00 AM	21.4	-6.4	21.2	-7.2	20.5	-7.3	20.8	-6.8	23.1	-5.1	27.1	-5.1	18.1	-15.5
12/23/2024	11:00 AM	21.3	-6.3	21.2	-7.2	21.1	-7.9	20.8	-6.8	23.0	-5.0	27.1	-5.1	18.0	-15.4
12/24/2024	11:00 AM	20.8	-5.8	20.6	-6.6	21.2	-8.0	20.8	-6.8	22.9	-4.9	27.2	-5.2	17.8	-15.2
12/25/2024	11:00 AM	20.7	-5.7	20.5	-6.5	20.2	-7.0	20.7	-6.7	22.9	-4.9	27.0	-5.0	17.8	-15.2
12/26/2024	11:00 AM	20.4	-5.4	20.5	-6.5	20.5	-7.3	20.8	-6.8	22.8	-4.8	26.8	-4.8	17.9	-15.3
12/27/2024	11:00 AM	20.5	-5.5	20.4	-6.4	20.5	-7.3	20.7	-6.7	22.9	-4.9	26.8	-4.8	18.1	-15.5
12/28/2024	11:00 AM	20.6	-5.6	20.5	-6.5	21.1	-7.9	20.8	-6.8	23.0	-5.0	27.1	-5.1	18.0	-15.4
12/29/2024	11:00 AM	20.6	-5.6	20.6	-6.6	20.5	-7.3	20.7	-6.7	23.0	-5.0	27.0	-5.0	18.0	-15.4

Flatlands Avenue Dewatering - Monitoring Well Logs															
Date	Time	MW-1 (EL 15)		MW-2 (EL 14)		MW-3 (EL 13.25)		MW-4 (EL 14)		MW-5 (EL 18)		MW-6 (EL 22)		MW-7 (EL 2.6)	
		Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)
12/30/2024	11:00 AM	20.8	-5.8	21.1	-7.1	21.0	-7.8	20.0	-6.0	22.4	-4.4	26.9	-4.9	17.8	-15.2
12/31/2024	11:00 AM	20.3	-5.3	20.2	-6.2	20.8	-7.6	20.0	-6.0	22.3	-4.3	26.8	-4.8	17.8	-15.2
1/1/2025	11:00 AM	20.3	-5.3	20.2	-6.2	20.8	-7.6	20.0	-6.0	22.1	-4.1	26.8	-4.8	17.8	-15.2
1/2/2025	11:00 AM	20.3	-5.3	20.2	-6.2	20.8	-7.6	20.0	-6.0	22.0	-4.0	26.5	-4.5	17.5	-14.9
1/3/2025	11:00 AM	20.6	-5.6	20.4	-6.4	21.0	-7.8	19.6	-5.6	22.0	-4.0	26.5	-4.5	17.5	-14.9
1/4/2025	11:00 AM	20.3	-5.3	20.5	-6.5	21.0	-7.8	19.0	-5.0	21.9	-3.9	26.4	-4.4	17.5	-14.9
1/5/2025	11:00 AM	20.7	-5.7	20.6	-6.6	21.2	-8.0	18.3	-4.3	21.8	-3.8	26.2	-4.2	17.5	-14.9
1/6/2025	11:00 AM	20.8	-5.8	21.1	-7.1	21.0	-7.8	19.7	-5.7	21.4	-3.4	26.1	-4.1	17.3	-14.7
1/7/2025	11:00 AM	20.3	-5.3	20.2	-6.2	20.8	-7.6	20.0	-6.0	21.3	-3.3	26.2	-4.2	17.2	-14.6
1/8/2025	11:00 AM	20.3	-5.3	20.2	-6.2	20.8	-7.6	20.0	-6.0	21.3	-3.3	26.2	-4.2	17.0	-14.4
1/9/2025	11:00 AM	20.3	-5.3	20.2	-6.2	20.8	-7.6	20.0	-6.0	21.3	-3.3	26.0	-4.0	16.8	-14.2
1/10/2025	11:00 AM	20.6	-5.6	20.4	-6.4	21.0	-7.8	19.4	-5.4	21.0	-3.0	26.1	-4.1	16.9	-14.3
1/11/2025	11:00 AM	20.6	-5.6	20.5	-6.5	21.0	-7.8	19.1	-5.1	20.8	-2.8	26.1	-4.1	16.9	-14.3
1/12/2025	11:00 AM	20.7	-5.7	20.6	-6.6	21.2	-8.0	19.3	-5.3	20.8	-2.8	26.3	-4.3	17.1	-14.5
1/13/2025	11:00 AM	18.9	-3.9	18.7	-4.7	18.9	-5.7	18.0	-4.0	19	-1.0	24.7	-2.7	15.3	-12.7
1/14/2025	11:00 AM	18.8	-3.8	18.8	-4.8	19.0	-5.8	18.1	-4.1	18.9	-0.9	24.8	-2.8	15.4	-12.8
1/15/2025	11:00 AM	18.9	-3.9	18.7	-4.7	18.9	-5.7	18.0	-4.0	19.0	-1.0	24.7	-2.7	15.3	-12.7
1/16/2025	11:00 AM	18.8	-3.8	18.6	-4.6	18.9	-5.7	18.1	-4.1	18.9	-0.9	24.8	-2.8	15.4	-12.8
1/17/2025	11:00 AM	18.8	-3.8	18.6	-4.6	18.9	-5.7	18.0	-4.0	18.9	-0.9	24.7	-2.7	15.3	-12.7
1/18/2025	11:00 AM	19.0	-4.0	18.8	-4.8	19.5	-6.3	18.3	-4.3	19.2	-1.2	25.0	-3.0	15.5	-12.9
1/19/2025	11:00 AM	19.0	-4.0	18.8	-4.8	19.5	-6.3	18.3	-4.3	19.2	-1.2	25.0	-3.0	15.5	-12.9
1/20/2025	11:00 AM	19.0	-4.0	18.8	-4.8	19.5	-6.3	18.6	-4.6	20.0	-2.0	25.0	-3.0	15.4	-12.8
1/21/2025	11:00 AM	19.1	-4.1	18.8	-4.8	19.5	-6.3	18.7	-4.7	19.9	-1.9	24.9	-2.9	15.3	-12.7
1/22/2025	11:00 AM	19.0	-4.0	18.9	-4.9	19.4	-6.2	18.6	-4.6	19.9	-1.9	24.9	-2.9	15.1	-12.5
1/23/2025	11:00 AM	18.9	-3.9	18.7	-4.7	19.3	-6.1	18.6	-4.6	20.0	-2.0	24.8	-2.8	15.1	-12.5
1/24/2025	11:00 AM	19.0	-4.0	18.8	-4.8	19.4	-6.2	18.7	-4.7	20.0	-2.0	24.9	-2.9	15.1	-12.5
1/25/2025	11:00 AM	19.0	-4.0	18.8	-4.8	19.4	-6.2	18.7	-4.7	20.0	-2.0	25.0	-3.0	15.1	-12.5
1/26/2025	11:00 AM	19.0	-4.0	18.8	-4.8	19.4	-6.2	18.7	-4.7	20.0	-2.0	25.0	-3.0	15.1	-12.5
1/27/2025	11:00 AM	19.0	-4.0	18.8	-4.8	19.4	-6.2	18.7	-4.7	20.0	-2.0	25.0	-3.0	15.1	-12.5
1/28/2025	11:00 AM	19.0	-4.0	18.8	-4.8	19.5	-6.3	18.7	-4.7	20.0	-2.0	24.8	-2.8	15.1	-12.5
1/29/2025	11:00 AM	18.4	-3.4	18.2	-4.2	18.9	-5.7	18.1	-4.1	19.5	-1.5	23.0	-1.0	13.2	-10.6
1/30/2025	11:00 AM	17.8	-2.8	17.4	-3.4	18.6	-5.4	17.7	-3.7	19.0	-1.0	22.4	-0.4	12.7	-10.1
1/31/2025	11:00 AM	17.2	-2.2	16.6	-2.6	17.3	-4.1	16.2	-2.2	18.0	0.0	22.0	0.0	12.2	-9.6
2/1/2025	11:00 AM	17.1	-2.1	16.4	-2.4	15.3	-2.1	16.3	-2.3	17.5	0.5	21.8	0.2	12.0	-9.4
2/2/2025	11:00 AM	16.9	-1.9	16.5	-2.5	15.2	-2.0	16.2	-2.2	17.2	0.8	21.5	0.5	11.4	-8.8

Flatlands Avenue Dewatering - Monitoring Well Logs															
Date	Time	MW-1 (EL 15)		MW-2 (EL 14)		MW-3 (EL 13.25)		MW-4 (EL 14)		MW-5 (EL 18)		MW-6 (EL 22)		MW-7 (EL 2.6)	
		Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)	Depth (ft)	Elevation (NAVD88)
2/3/2025	12:00 PM	16.9	-1.9	16.2	-2.2	15.4	-2.2	14.5	-0.5	17.5	0.5	21.5	0.5	11.4	-8.8
2/4/2025	12:00 PM	16.8	-1.8	16.2	-2.2	15.4	-2.2	14.5	-0.5	17.5	0.5	21.5	0.5	11.4	-8.8
2/5/2025	12:00 PM	16.8	-1.8	16.2	-2.2	15.4	-2.2	14.5	-0.5	17.5	0.5	21.5	0.5	11.0	-8.4
2/6/2025	12:00 PM	16.8	-1.8	16.2	-2.2	15.4	-2.2	14.5	-0.5	17.5	0.5	21.6	0.4	11.0	-8.4
2/7/2025	12:00 PM	16.7	-1.7	16.0	-2.0	15.2	-2.0	14.3	-0.3	17.4	0.6	21.6	0.4	10.6	-8.0
2/8/2025	12:00 PM	16.5	-1.5	15.8	-1.8	15.2	-2.0	14.4	-0.4	17.4	0.6	21.6	0.4	10.6	-8.0
2/9/2025	12:00 PM	16.5	-1.5	15.8	-1.8	15.0	-1.8	14.2	-0.2	17.4	0.6	21.8	0.2	10.6	-8.0
2/10/2025	12:00 PM	16.0	-1.0	16.2	-2.2	14.6	-1.4	13.7	0.3	17.4	0.6	21.8	0.2	10.3	-7.7
2/11/2025	12:00 PM	16.4	-1.4	16.2	-2.2	15.0	-1.8	14.3	-0.3	17.4	0.6	21.8	0.2	10.2	-7.6
2/12/2025	12:00 PM	16.4	-1.4	16.0	-2.0	15.1	-1.9	14.2	-0.2	17.3	0.7	21.8	0.2	10.0	-7.4
2/13/2025	12:00 PM	16.4	-1.4	15.8	-1.8	15.1	-1.9	14.2	-0.2	17.3	0.7	21.9	0.1	9.8	-7.2
2/14/2025	12:00 PM	16.4	-1.4	15.8	-1.8	15.0	-1.8	14.0	0.0	17.3	0.7	21.9	0.1	9.7	-7.1
2/15/2025	12:00 PM	16.3	-1.3	15.8	-1.8	15.0	-1.8	14.2	-0.2	17.3	0.7	22.0	0.0	9.5	-6.9
2/16/2025	12:00 PM	16.2	-1.2	16.2	-2.2	14.6	-1.4	13.7	0.3	17.2	0.8	21.9	0.1	9.4	-6.8
2/17/2025	12:00 PM	16.0	-1.0	15.8	-1.8	15.0	-1.8	14.1	-0.1	17.2	0.8	21.8	0.2	9.4	-6.8
2/18/2025	12:00 PM	16.0	-1.0	15.8	-1.8	15.0	-1.8	14.1	-0.1	17.2	0.8	21.8	0.2	9.4	-6.8
2/19/2025	12:00 PM	16.0	-1.0	15.6	-1.6	14.9	-1.7	14.1	-0.1	17.2	0.8	21.7	0.3	9.2	-6.6
2/20/2025	12:00 PM	16.0	-1.0	15.6	-1.6	14.9	-1.7	14.0	0.0	17.2	0.8	21.6	0.4	9.0	-6.4
2/21/2025	12:00 PM	15.9	-0.9	15.6	-1.6	14.9	-1.7	14.0	0.0	17.1	0.9	21.6	0.4	8.8	-6.2
2/22/2025	12:00 PM	15.8	-0.8	15.4	-1.4	14.7	-1.5	14.3	-0.3	17.1	0.9	21.5	0.5	9.0	-6.4
2/23/2025	12:00 PM	15.8	-0.8	15.3	-1.3	14.6	-1.4	13.7	0.3	17.1	0.9	21.6	0.4	8.6	-6.0
2/24/2025	12:00 PM	15.8	-0.8	15.3	-1.3	14.6	-1.4	13.8	0.2	17.1	0.9	21.5	0.5	9.0	-6.4
2/25/2025	12:00 PM	15.8	-0.8	15.3	-1.3	14.6	-1.4	13.8	0.2	17.0	1.0	21.6	0.4	9.0	-6.4
2/26/2025	12:00 PM	15.8	-0.8	15.3	-1.3	14.6	-1.4	13.8	0.2	17.0	1.0	21.5	0.5	9.0	-6.4
2/27/2025	12:00 PM	15.8	-0.8	15.4	-1.4	14.6	-1.4	13.8	0.2	17.0	1.0	21.6	0.4	9.0	-6.4
2/28/2025	12:00 PM	15.8	-0.8	15.4	-1.4	14.6	-1.4	13.7	0.3	17.0	1.0	21.6	0.4	9.0	-6.4
3/1/2025	12:00 PM	15.8	-0.8	15.3	-1.3	14.6	-1.4	13.7	0.3	17.0	1.0	21.6	0.4	8.6	-6.0
3/2/2025	12:00 PM	15.9	-0.9	15.3	-1.3	14.6	-1.4	13.8	0.2	17.0	1.0	21.6	0.4	8.7	-6.1

Technical Report

prepared for:

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

Report Date: 08/31/2024
Client Project ID: 12096 Flatlands Avenue
York Project (SDG) No.: 24H0534

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/31/2024
Client Project ID: 12096 Flatlands Avenue
York Project (SDG) No.: 24H0534

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 08, 2024 and listed below. The project was identified as your project: **12096 Flatlands Avenue**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H0534-01	MW-1	Ground Water	08/08/2024	08/08/2024
24H0534-02	MW-2	Ground Water	08/08/2024	08/08/2024
24H0534-03	MW-3	Ground Water	08/08/2024	08/08/2024
24H0534-04	MW-4	Ground Water	08/08/2024	08/08/2024
24H0534-05	MW-5	Ground Water	08/08/2024	08/08/2024
24H0534-06	MW-6	Ground Water	08/08/2024	08/08/2024
24H0534-07	Trip Blank	Water	08/08/2024	08/08/2024

General Notes for York Project (SDG) No.: 24H0534

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By:

Date: 08/31/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24H0534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	**1,2-Dichloroethane**	**0.66**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24H0534-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	**2-Butanone**	**8000**		ug/L	100	250	500	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 14:51	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**20000**	QL-02	ug/L	500	1000	500	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 14:51	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	**Bromobenzene**	**0.26**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	**Bromodichloromethane**	**1.7**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24H0534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/14/2024 23:48	SKF
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/14/2024 23:48	SKF
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/14/2024 23:48	SKF
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/14/2024 23:48	SKF
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	08/14/2024 23:48	SKF
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	08/14/2024 23:48	SKF

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24H0534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/14/2024 23:48	SKF
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/14/2024 23:48	SKF

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*90.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24H0534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:13	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
95-50-1	1,2-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/09/2024 23:13	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:13	SS
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/09/2024 23:13	SS
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/09/2024 23:13	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:13	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24H0534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
106-47-8	4-Chloroaniline	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
100-02-7	4-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:13	SS
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:13	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:13	SS

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24H0534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:13	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:13	SS
100-51-6	Benzyl alcohol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:13	SS
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.37**	CCVE, B	ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/09/2024 23:13	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:13	SS
86-74-8	Carbazole	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24H0534-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
131-11-3	Dimethyl phthalate	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:13	SS
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.0200	0.0200	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
91-20-3	**Naphthalene**	**1.14**		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/09/2024 23:13	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:13	SS

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24H0534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19	08/09/2024 23:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
129-00-0	Pyrene	ND	CCVE	ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19	08/09/2024 23:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19	08/09/2024 23:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*27.4 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*146 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.8 %*	*30.7-106*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications:	08/12/2024 07:51	08/13/2024 13:28 NJDEP-CT005,NELAC-NY10854	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.6 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**2.25**		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**5.28**		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**2.97**		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**1.28**		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**9.85**		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**5.67**		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24H0534-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	*** Perfluorononanoic acid (PFNA)**	**1.17**		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
2991-50-6	*** N-EtFOSAA**	**1.18**		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**2.29**		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.38	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	4.75	5	EPA 537m Certifications:	08/26/2024 10:06	08/31/2024 04:54	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**4.25**		ng/L	0.951	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:08	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*85.2 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*64.9 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*32.1 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*86.2 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*85.3 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*8.62 %*	PFSu-L	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*68.3 %*		*25-150*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24H0534-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*87.8 %*		*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.8 %*		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*107 %*		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*133 %*		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*116 %*		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*12.4 %*		*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*140 %*		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*66.4 %*		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*78.9 %*		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*244 %*	PFSu-H	*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*106 %*		*25-150*						

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **24H0534-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H0534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SKF
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
107-06-2	**1,2-Dichloroethane**	**0.31**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SKF
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
78-93-3	**2-Butanone**	**10000**		ug/L	100	250	500	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 15:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SKF

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H0534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
67-64-1	**Acetone**	**21000**	QL-02	ug/L	500	1000	500	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	08/15/2024 15:18	SKF
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 00:15	SKF
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 00:15	SKF
75-27-4	**Bromodichloromethane**	**2.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	08/15/2024 00:15	SKF
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H0534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SKF
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SKF
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15	SKF
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15	SKF
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H0534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:15	SKF

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*79-122*

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:50	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
95-50-1	1,2-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/09/2024 23:50	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:50	SS
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/09/2024 23:50	SS

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H0534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/09/2024 23:50	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:50	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H0534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
106-47-8	4-Chloroaniline	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
100-02-7	4-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:50	SS
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:50	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:50	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:50	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H0534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:50	SS
100-51-6	Benzyl alcohol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:50	SS
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.37**	B, CCVE	ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/09/2024 23:50	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:50	SS
86-74-8	Carbazole	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
131-11-3	Dimethyl phthalate	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
84-74-2	**Di-n-butyl phthalate**	**36.6**		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/09/2024 23:50	SS
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/09/2024 23:50	SS
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.0200	0.0200	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H0534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
91-20-3	**Naphthalene**	**2.66**		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/09/2024 23:50	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
129-00-0	Pyrene	ND	CCVE	ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/09/2024 23:50	SS

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*6.80 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.1 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.7 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.4 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*144 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.9 %*		*30.7-106*

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H0534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	08/12/2024 07:51	08/13/2024 13:45	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*54.2 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**1.96**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**6.72**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**4.50**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**8.17**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**5.78**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
375-95-1	*** Perfluorononanoic acid (PFNA)**	**1.01**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
72629-94-8	*** Perfluorotridecanoic acid (PFTrDA)**	**4.20**	PF-CCV-H, PF-LCS-H	ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H0534-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**4.84**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**72.5**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.37	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**2.63**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:21	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*35.7 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*52.8 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*42.5 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*37.0 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*57.1 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*2.69 %*	PFSu-L	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*13.5 %*	PFSu-L	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*5.95 %*	PFSu-L	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*1.29 %*	PFSu-L	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*76.6 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*20.2 %*	PFSu-L	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*73.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*0.00475 %*	PFSu-L	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*18.9 %*	PFSu-L	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*22.0 %*	PFSu-L	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*38.7 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*140 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*56.5 %*		*25-150*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H0534-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H0534-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	**2-Butanone**	**6500**		ug/L	100	250	500	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 15:45	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**12000**	QL-02	ug/L	500	1000	500	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 15:45	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	**Bromodichloromethane**	**1.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H0534-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-09-2	**Methylene chloride**	**1.1**	J	ug/L	1.0	2.0	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	08/14/2024 08:00	08/15/2024 00:41	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H0534-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 00:41	SKF
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:41	SKF
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:41	SKF
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:41	SKF
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:41	SKF
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:41	SKF
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:41	SKF
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:41	SKF
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:41	SKF
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:41	SKF
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:41	SKF
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:41	SKF
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 00:41	SKF

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H0534-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 00:26	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 00:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
95-50-1	1,2-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/10/2024 00:26	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 00:26	SS
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/10/2024 00:26	SS
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/10/2024 00:26	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 00:26	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H0534-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
65794-96-9	**3- & 4-Methylphenols**	**1.37**		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/10/2024 00:26	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
106-47-8	4-Chloroaniline	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
100-02-7	4-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 00:26	SS
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 00:26	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 00:26	SS

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H0534-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 00:26	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 00:26	SS
100-51-6	Benzyl alcohol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 00:26	SS
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 00:26	SS
86-74-8	Carbazole	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H0534-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
131-11-3	Dimethyl phthalate	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
84-74-2	**Di-n-butyl phthalate**	**36.3**		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/10/2024 00:26	SS
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
86-73-7	**Fluorene**	**0.360**		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 00:26	SS
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.0200	0.0200	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
91-20-3	**Naphthalene**	**0.780**		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/10/2024 00:26	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 00:26	SS

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H0534-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19	08/10/2024 00:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
129-00-0	Pyrene	ND	CCVE	ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19	08/10/2024 00:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19	08/10/2024 00:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.5 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.5 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.7 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.5 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*162 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*95.3 %*		*30.7-106*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications:	08/12/2024 07:51	08/13/2024 14:02 NJDEP-CT005,NELAC-NY10854	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*53.1 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**1.78**		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**6.60**		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**7.37**		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**1.08**		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**14.4**		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**6.20**		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H0534-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	*** Perfluorononanoic acid (PFNA)**	**1.44**		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**7.18**		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.36	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**8.16**		ng/L	0.944	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 22:47	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*84.2 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*64.2 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*53.6 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*97.8 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*82.6 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*2.12 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H0534-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C7PFUNA	*Surrogate: M7PFUdA*	*33.8 %*		*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*57.0 %*		*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.0 %*		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*88.8 %*		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*115 %*		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*91.2 %*		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*5.13 %*	PFSu-L	*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*73.6 %*		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*19.7 %*	PFSu-L	*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*65.9 %*		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*299 %*	PFSu-H	*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*88.2 %*		*25-150*						

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H0534-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H0534-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 01:08	SKF
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**1700**		ug/L	100	250	500	EPA 8260C	08/14/2024 08:00	08/15/2024 16:11	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H0534-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
67-64-1	**Acetone**	**1700**	QL-02	ug/L	500	1000	500	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	08/15/2024 16:11	SKF
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 01:08	SKF
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 01:08	SKF
75-27-4	**Bromodichloromethane**	**1.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	08/15/2024 01:08	SKF
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
67-66-3	**Chloroform**	**24**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	08/15/2024 01:08	SKF
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H0534-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 01:08	SKF
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 01:08	SKF
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 01:08	SKF
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 01:08	SKF
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	08/15/2024 01:08	SKF
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	08/15/2024 01:08	SKF
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:08	SKF
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:08	SKF
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H0534-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:08	SKF

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:02	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
95-50-1	1,2-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/10/2024 01:02	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:02	SS
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/10/2024 01:02	SS

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H0534-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/10/2024 01:02	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:02	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H0534-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
106-47-8	4-Chloroaniline	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
100-02-7	4-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:02	SS
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:02	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:02	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:02	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H0534-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:02	SS
100-51-6	Benzyl alcohol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:02	SS
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CCVE	ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:02	SS
86-74-8	Carbazole	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
131-11-3	Dimethyl phthalate	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
84-74-2	**Di-n-butyl phthalate**	**30.4**		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/10/2024 01:02	SS
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:02	SS
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.0200	0.0200	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H0534-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
129-00-0	Pyrene	ND	CCVE	ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:02	SS

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*35.4 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*19.0 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.8 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.0 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*162 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*97.0 %*		*30.7-106*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H0534-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	08/14/2024 12:09	08/15/2024 12:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.4 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**1.37**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**4.41**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**2.97**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**4.24**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**11.4**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**6.97**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**3.27**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H0534-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.36	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**53.9**		ng/L	0.946	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:00	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*81.8 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*66.6 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*58.6 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*96.2 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*82.2 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*3.35 %*	PFSu-L	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*34.5 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*59.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*86.3 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*107 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*83.6 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*6.64 %*	PFSu-L	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*89.4 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*20.6 %*	PFSu-L	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*56.0 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*334 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*89.0 %*		*25-150*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24H0534-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SKF
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24H0534-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	**2-Butanone**	**5.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**9.9**	QL-02	ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24H0534-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 01:35	SKF
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 01:35	SKF
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 01:35	SKF
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 01:35	SKF
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	08/15/2024 01:35	SKF
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	08/15/2024 01:35	SKF

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24H0534-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 01:35	SKF
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 01:35	SKF

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24H0534-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:38	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
95-50-1	1,2-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/10/2024 01:38	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:38	SS
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/10/2024 01:38	SS
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/10/2024 01:38	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:38	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24H0534-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
106-47-8	4-Chloroaniline	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
100-02-7	4-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:38	SS
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:38	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:38	SS

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24H0534-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:38	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:38	SS
100-51-6	Benzyl alcohol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:38	SS
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.640**	B, CCVE	ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/10/2024 01:38	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:38	SS
86-74-8	Carbazole	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24H0534-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
131-11-3	Dimethyl phthalate	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 01:38	SS
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.0200	0.0200	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 01:38	SS

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24H0534-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19	08/10/2024 01:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND	CCVE	ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19	08/10/2024 01:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19	08/10/2024 01:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*27.8 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*14.9 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.2 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.3 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*152 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.6 %*		*30.7-106*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications:	08/12/2024 07:51	08/13/2024 14:55	SS NJDEP-CT005,NELAC-NY10854

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*53.6 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**3.36**		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**3.49**		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**6.42**		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**15.5**		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**4.41**		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24H0534-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	*** Perfluorononanoic acid (PFNA)**	**1.23**		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**2.05**		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.46	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**3.60**		ng/L	0.983	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:13	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*74.1 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*66.8 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*56.8 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*79.2 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*74.1 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*8.27 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24H0534-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C7PFUNA	*Surrogate: M7PFUdA*	*85.5 %*		*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*65.2 %*		*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*53.0 %*		*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*74.3 %*		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*83.2 %*		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*68.0 %*		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*12.4 %*		*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.9 %*		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*115 %*		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*47.5 %*		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*448 %*	PFSu-H	*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*77.4 %*		*25-150*						

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24H0534-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 02:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 02:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 02:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 02:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/14/2024 08:00	08/15/2024 02:01	SKF
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24H0534-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SKF
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
78-93-3	**2-Butanone**	**1.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SKF

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24H0534-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
67-64-1	**Acetone**	**4.5**	QL-02	ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	08/15/2024 02:01	SKF
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 02:01	SKF
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/15/2024 02:01	SKF
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24H0534-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00	08/15/2024 02:01	SKF CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24H0534-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	08/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/15/2024 02:01	SKF

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 02:14	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 02:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
95-50-1	1,2-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/10/2024 02:14	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 02:14	SS
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/10/2024 02:14	SS

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24H0534-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,PADEP-68-04440	08/10/2024 02:14	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 02:14	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24H0534-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
106-47-8	4-Chloroaniline	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
100-02-7	4-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 02:14	SS
62-53-3	Aniline	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 02:14	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 02:14	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 02:14	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24H0534-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 02:14	SS
100-51-6	Benzyl alcohol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 02:14	SS
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
117-81-7	**Bis(2-ethylhexyl)phthalate**	**4.62**	B, CCVE	ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/10/2024 02:14	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 02:14	SS
86-74-8	Carbazole	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
131-11-3	Dimethyl phthalate	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	08/10/2024 02:14	SS
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.0200	0.0200	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24H0534-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
91-20-3	**Naphthalene**	**0.650**		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	08/10/2024 02:14	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
129-00-0	Pyrene	ND	CCVE	ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	08/09/2024 08:19 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	08/10/2024 02:14	SS

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*36.5 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.7 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*89.0 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.1 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*163 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.4 %*		*30.7-106*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24H0534-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	08/14/2024 12:09	08/15/2024 12:23	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*57.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**1.93**		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**6.14**		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**9.39**		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**12.7**		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**35.4**		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**10.2**		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
375-95-1	*** Perfluorononanoic acid (PFNA)**	**1.64**		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**3.55**		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **24H0534-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Ground Water	August 8, 2024 9:30 am	08/08/2024

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.49	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	4.98	5	EPA 537m Certifications:	08/26/2024 10:06	08/31/2024 05:07	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**5.19**		ng/L	0.996	1	EPA 537m Certifications:	08/26/2024 10:06	08/29/2024 23:26	ESJ

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*72.1 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*54.5 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*50.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*90.3 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*72.9 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*9.56 %*	PFSu-L	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*81.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*60.3 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*93.5 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*74.5 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*13.2 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*125 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*142 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*63.2 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*176 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*88.6 %*		*25-150*

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24H0534-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	08/09/2024 22:35	SKF
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/09/2024 22:35	SKF
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/09/2024 22:35	SKF
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35	SKF
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/09/2024 22:35	SKF
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24H0534-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24H0534-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
91-20-3	**Naphthalene**	**3.3**	B, CCVE, QL-02	ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SKF
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SKF
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SKF
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SKF

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24H0534-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H0534	12096 Flatlands Avenue	Water	August 8, 2024 9:30 am	08/08/2024

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35	SKF
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11	08/09/2024 22:35	SKF
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
100-42-5	**Styrene**	**0.53**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	08/09/2024 17:11 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/09/2024 22:35	SKF

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*79-122*

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H0534-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H0534-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H0534-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H0534-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H0534-05	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H0534-06	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H0534-07	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-LCS-H	The LCS recovery for this PFAS compound was above control limits.
PF-CCV-H	The CCV recovery for this PFAS compound was above control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
Stratford, CT 06615 Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24H0534

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Cichetti Engineering	Company: Cichetti Engineering	Company: Cichetti Engineering	12096 Flatlands Avenue	RUSH - Next Day
Address: P.O. Box 195 Germantown, NY 12526	Address: P.O. Box 195 Germantown, NY 12526	Address:	YOUR Project Name: 12096 Flatlands Avenue	RUSH - Two Day
Phone.: 803-624-8118	Phone: 845-598-5018	Phone.:		RUSH - Three Day
Contact: R. Lemar Young	Contact: Matt Cichetti	Contact:		RUSH - Four Day
E-mail: permits@cichettiengineering.com	E-mail: Matt@cichettiengineering.com	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)
R. Lemar Young

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced | NYSDEC EQuIS
NY ASP B Package | Deliverables | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-1	GW	8/8/2024 9:30	VOC via 8260, SVOC via 8270	(18)40ml w/HCL
MW-2			1,4-dioxane via 8270SIM, PFAS via 537.1M	(12)1L Ambers UP
MW-3				(6)500ml Amber UP
MW-4				(6)PFAS Kits
MW-5				
MW-6				

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: _____

Special Instruction
Field Filtered ____
Lab to Filter ____

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Cichetti Engineering	8/8/2024 12:28	YZ	8/8/24 12:28	YZ	8/8/24 1200
2. Samples Received by / Company	Date/Time 8/8/24 1200	3. Samples Relinquished by / Company	Date/Time 8/8/24 20:30	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time 8/8/24 20:30

Temp. Received at Lab 2.4 Degrees C

Technical Report

prepared for:

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

Report Date: 11/22/2024
Client Project ID: 12096 Flatlands Avenue
York Project (SDG) No.: 24K0918

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 11/22/2024
Client Project ID: 12096 Flatlands Avenue
York Project (SDG) No.: 24K0918

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 13, 2024 and listed below. The project was identified as your project: **12096 Flatlands Avenue**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24K0918-01	MW-1	Ground Water	11/13/2024	11/13/2024
24K0918-02	MW-2	Ground Water	11/13/2024	11/13/2024
24K0918-03	MW-3	Ground Water	11/13/2024	11/13/2024
24K0918-04	MW-4	Ground Water	11/13/2024	11/13/2024
24K0918-05	MW-5	Ground Water	11/13/2024	11/13/2024
24K0918-06	MW-6	Ground Water	11/13/2024	11/13/2024

General Notes for York Project (SDG) No.: 24K0918

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By:

Date: 11/22/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24K0918-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Analyzed by: Adirondack Environmental Services, Inc. SUB

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**3.8**		ng/L	0.5	1	EPA 1631E Certifications:	11/14/2024 00:00	11/15/2024 00:00	

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.9**		ng/L	0.5	1	EPA 1631E Certifications:	11/14/2024 00:00	11/15/2024 00:00	

Volatile Organics, 624 List- Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.077	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.072	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.11	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.054	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.051	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.13	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.071	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.097	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.068	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	2.1	20	1	EPA 624.1 Certifications:	11/15/2024 08:00 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/18/2024 13:40	PD

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24K0918-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	**Acrolein**	**2.6**	QL-02, CCVE, B	ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
71-43-2	Benzene	ND		ug/L	0.081	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
75-25-2	Bromoform	ND	QL-02	ug/L	0.075	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
74-83-9	Bromomethane	ND		ug/L	0.15	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.071	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.062	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
75-00-3	Chloroethane	ND		ug/L	0.23	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
67-66-3	Chloroform	ND		ug/L	0.042	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
74-87-3	Chloromethane	ND		ug/L	0.084	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
156-59-2	**cis-1,2-Dichloroethylene**	**2.1**		ug/L	0.11	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.075	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.10	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.031	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**5.0**		ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
75-09-2	Methylene chloride	ND		ug/L	0.13	2.0	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
127-18-4	**Tetrachloroethylene**	**4.4**	QL-02, CCVE	ug/L	0.054	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
108-88-3	Toluene	ND		ug/L	0.059	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00	11/18/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24K0918-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Volatile Organics, 624 List- Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.050	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.065	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
79-01-6	**Trichloroethylene**	**2.9**		ug/L	0.12	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.089	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/15/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/18/2024 13:40	PD

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*127 %*	S-08	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.6 %*		*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*		*71-130*

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.74	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
95-50-1	* 1,2-Dichlorobenzene	ND		ug/L	3.12	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14	SS
541-73-1	* 1,3-Dichlorobenzene	ND		ug/L	3.15	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14	SS
106-46-7	* 1,4-Dichlorobenzene	ND		ug/L	3.15	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.55	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.58	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	4.35	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
91-57-6	* 2-Methylnaphthalene	ND		ug/L	2.76	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.24	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24K0918-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	0.847	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.47	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
62-53-3	Aniline	ND		ug/L	1.50	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
92-87-5	Benzidine	ND		ug/L	4.49	20.0	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-51-6	* Benzyl alcohol	ND		ug/L	1.45	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.68	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.45	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.27	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.74	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24K0918-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
84-66-2	Diethyl phthalate	ND		ug/L	1.70	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
131-11-3	Dimethyl phthalate	ND		ug/L	4.70	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.43	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.87	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.34	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
78-59-1	Isophorone	ND		ug/L	2.22	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/20/2024 17:14	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.47	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/20/2024 17:14	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.56	5.00	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/20/2024 17:14	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24K0918-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/20/2024 07:45 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 17:14	SS

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.0 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*39.2 %*	*30.7-106*

Polychlorinated Biphenyls (PCB)-608

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0588	1	EPA 608 Certifications:	11/17/2024 07:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/17/2024 19:06	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0588	1	EPA 608 Certifications:	11/17/2024 07:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/17/2024 19:06	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0588	1	EPA 608 Certifications:	11/17/2024 07:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/17/2024 19:06	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0588	1	EPA 608 Certifications:	11/17/2024 07:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/17/2024 19:06	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0588	1	EPA 608 Certifications:	11/17/2024 07:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/17/2024 19:06	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0588	1	EPA 608 Certifications:	11/17/2024 07:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/17/2024 19:06	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0588	1	EPA 608 Certifications:	11/17/2024 07:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/17/2024 19:06	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0588	1	EPA 608 Certifications:	11/17/2024 07:34	11/17/2024 19:06	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-120*

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 18:55	cw

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24K0918-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 200.8	11/18/2024 08:25	11/19/2024 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 200.8	11/18/2024 08:25	11/19/2024 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1.23**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**7.43**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**42.5**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.14**	M-BS	ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		ug/L	0.300	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.500	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.10**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**5.28**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**1.23**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24K0918-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**7.01**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**68.5**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.0693**		mg/L	0.0500	1	EPA 300.0	11/14/2024 22:55	11/14/2024 22:55	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Nitrite as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	11/14/2024 22:55	11/14/2024 22:55	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

Oil & Grease

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
OILGREASE	Oil & Grease	ND		mg/L	0.505	1	EPA 1664A	11/15/2024 17:47	11/19/2024 16:54	JA
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7697-37-2	* **pH**	**7.69**	HT-pH	pH units	0.500	1	SM 4500 HB	11/14/2024 08:06	11/14/2024 15:34	LJM
							Certifications:	CTDOH-PH-0723		

Total Suspended Solids (EPA)

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24K0918-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7732-18-5	*** Total Suspended Solids**	**22.0**		mg/L	5.00	1	EPA 160.2	11/14/2024 07:20	11/14/2024 15:04	SMM
							Certifications:			

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **24K0918-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Analyzed by: Adirondack Environmental Services, Inc. SUB

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.2**		ng/L	0.5	1	EPA 1631E	11/20/2024 00:00	11/22/2024 00:00	
							Certifications:			

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.9**		ng/L	0.5	1	EPA 1631E	11/14/2024 00:00	11/15/2024 00:00	
							Certifications:			

Volatile Organics, 624 List- Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.077	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 17:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.072	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 17:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.11	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 17:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.054	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 17:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.051	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 17:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24K0918-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.13	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.071	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.097	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.068	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	2.1	20	1	EPA 624.1 Certifications:	11/14/2024 08:00 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/14/2024 17:21	PD
107-02-8	**Acrolein**	**3.4**	CCVE, QL-02, B	ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
71-43-2	Benzene	ND		ug/L	0.081	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
75-25-2	Bromoform	ND	QL-02	ug/L	0.075	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
74-83-9	Bromomethane	ND		ug/L	0.15	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.071	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
108-90-7	Chlorobenzene	ND		ug/L	0.062	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
75-00-3	Chloroethane	ND		ug/L	0.23	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
67-66-3	Chloroform	ND		ug/L	0.042	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
74-87-3	Chloromethane	ND		ug/L	0.084	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
156-59-2	**cis-1,2-Dichloroethylene**	**1.8**		ug/L	0.11	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.075	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:21	PD

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24K0918-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.10	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.031	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**3.7**		ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
75-09-2	Methylene chloride	ND		ug/L	0.13	2.0	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
127-18-4	**Tetrachloroethylene**	**4.1**	CCVE, QL-02	ug/L	0.054	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
108-88-3	Toluene	ND		ug/L	0.059	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.050	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.065	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
79-01-6	**Trichloroethylene**	**2.8**		ug/L	0.12	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.089	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*71-130*

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.74	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-50-1	* 1,2-Dichlorobenzene	ND		ug/L	3.12	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:44	SS
541-73-1	* 1,3-Dichlorobenzene	ND		ug/L	3.15	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:44	SS

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24K0918-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	* 1,4-Dichlorobenzene	ND		ug/L	3.15	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:44	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.55	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.58	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	4.35	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
91-57-6	* 2-Methylnaphthalene	ND		ug/L	2.76	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:44	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.24	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	0.847	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.47	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
62-53-3	Aniline	ND		ug/L	1.50	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	11/20/2024 07:45	11/20/2024 17:44	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
92-87-5	Benzidine	ND		ug/L	4.49	20.0	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 07:45	11/20/2024 17:44	SS
100-51-6	* Benzyl alcohol	ND		ug/L	1.45	5.00	1	EPA 625 Certifications:	11/20/2024 07:45	11/20/2024 17:44	SS

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24K0918-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.68	5.00	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.45	5.00	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.27	5.00	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.74	5.00	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	1.70	5.00	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	4.70	5.00	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.43	5.00	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.87	5.00	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.34	5.00	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.22	5.00	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24K0918-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.47	5.00	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.56	5.00	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/20/2024 07:45	11/20/2024 17:44	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.9 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*40.9 %*	*30.7-106*

Polychlorinated Biphenyls (PCB)-608

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:20	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:20	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:20	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:20	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:20	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:20	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:20	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24K0918-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Polychlorinated Biphenyls (PCB)-608

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0571	1	EPA 608 Certifications:	11/17/2024 07:34	11/17/2024 19:20	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-120*

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 18:59	cw
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 18:59	cw
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 18:59	cw
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 18:59	cw
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 18:59	cw
7440-50-8	Copper	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 18:59	cw
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 18:59	cw
7440-02-0	**Nickel**	**7.14**		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/19/2024 18:59	cw
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 18:59	cw
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 18:59	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 18:59	cw
7440-66-6	**Zinc**	**26.5**		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/19/2024 18:59	cw

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24K0918-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.11**	M-BS	ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		ug/L	0.300	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.500	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**5.54**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**1.26**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**6.74**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**63.8**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.0701**		mg/L	0.0500	1	EPA 300.0	11/14/2024 23:35	11/14/2024 23:35	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Nitrite as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	11/14/2024 23:35	11/14/2024 23:35	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

Oil & Grease

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24K0918-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
OILGREASE	Oil & Grease	ND		mg/L	0.500	1	EPA 1664A	11/15/2024 17:47	11/19/2024 16:54	JA
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

pH **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7697-37-2	* pH	7.58	HT-pH	pH units	0.500	1	SM 4500 HB	11/14/2024 08:06	11/14/2024 15:34	LJM
							Certifications:	CTDOH-PH-0723		

Total Suspended Solids (EPA) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7732-18-5	* Total Suspended Solids	23.5		mg/L	5.00	1	EPA 160.2	11/14/2024 07:20	11/14/2024 15:04	SMM
							Certifications:			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24K0918-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Analyzed by: Adirondack Environmental Services, Inc. SUB

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	12.2		ng/L	0.5	1	EPA 1631E	11/14/2024 00:00	11/15/2024 00:00	
							Certifications:			

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.8		ng/L	0.5	1	EPA 1631E	11/14/2024 00:00	11/15/2024 00:00	
							Certifications:			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24K0918-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.077	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.072	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.11	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.054	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.051	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.13	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.071	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.097	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.068	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	2.1	20	1	EPA 624.1 Certifications:	11/14/2024 08:00 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/14/2024 17:47	PD
107-02-8	**Acrolein**	**3.5**	CCVE, QL-02, B	ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
71-43-2	Benzene	ND		ug/L	0.081	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
75-27-4	**Bromodichloromethane**	**0.79**		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
75-25-2	Bromoform	ND	QL-02	ug/L	0.075	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
74-83-9	Bromomethane	ND		ug/L	0.15	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.071	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 17:47	PD

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **24K0918-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.062	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
75-00-3	Chloroethane	ND		ug/L	0.23	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
67-66-3	**Chloroform**	**4.8**		ug/L	0.042	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
74-87-3	Chloromethane	ND		ug/L	0.084	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
156-59-2	**cis-1,2-Dichloroethylene**	**1.4**		ug/L	0.11	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.075	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.10	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.031	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.8**		ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
75-09-2	Methylene chloride	ND		ug/L	0.13	2.0	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
127-18-4	**Tetrachloroethylene**	**3.0**	CCVE, QL-02	ug/L	0.054	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
108-88-3	**Toluene**	**0.36**	J	ug/L	0.059	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.050	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.065	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
79-01-6	**Trichloroethylene**	**2.0**		ug/L	0.12	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.089	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00	11/14/2024 17:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*71-130*

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **24K0918-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.74	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-50-1	* 1,2-Dichlorobenzene	ND		ug/L	3.12	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14	SS
541-73-1	* 1,3-Dichlorobenzene	ND		ug/L	3.15	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14	SS
106-46-7	* 1,4-Dichlorobenzene	ND		ug/L	3.15	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.55	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.58	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	4.35	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	* 2-Methylnaphthalene	ND		ug/L	2.76	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.24	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	0.847	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.47	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
62-53-3	Aniline	ND		ug/L	1.50	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
92-87-5	Benzidine	ND		ug/L	4.49	20.0	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24K0918-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-51-6	* Benzyl alcohol	ND		ug/L	1.45	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.68	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.45	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.27	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.74	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-66-2	Diethyl phthalate	ND		ug/L	1.70	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
131-11-3	Dimethyl phthalate	ND		ug/L	4.70	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.43	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.87	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24K0918-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.34	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 625	11/19/2024 08:13	11/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/19/2024 08:13	11/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.22	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/19/2024 08:13	11/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 625	11/19/2024 08:13	11/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 625	11/19/2024 08:13	11/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.47	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.56	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/19/2024 08:13	11/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/19/2024 08:13	11/20/2024 18:14	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*39.0 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*32.6 %*	S-08	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*34.2 %*		*30.7-106*

Polychlorinated Biphenyls (PCB)-608

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:33	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:33	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:33	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24K0918-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Polychlorinated Biphenyls (PCB)-608

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:33	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:33	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:33	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:33	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:33	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.5 %*	*30-120*

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**3.96**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**4.61**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24K0918-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**33.1**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.54**	M-BS	ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		ug/L	0.300	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.500	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**5.44**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**1.26**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**4.71**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**95.8**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.0754**		mg/L	0.0500	1	EPA 300.0	11/15/2024 00:15	11/15/2024 00:15	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24K0918-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Nitrite as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	11/15/2024 00:15	11/15/2024 00:15	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

Oil & Grease

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
OILGREASE	Oil & Grease	ND		mg/L	0.510	1	EPA 1664A	11/15/2024 17:47	11/19/2024 16:54	JA
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7697-37-2	*** pH**	**7.77**	HT-pH	pH units	0.500	1	SM 4500 HB	11/14/2024 08:06	11/14/2024 15:34	LJM
							Certifications:	CTDOH-PH-0723		

Total Suspended Solids (EPA)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7732-18-5	*** Total Suspended Solids**	**14.0**		mg/L	5.00	1	EPA 160.2	11/14/2024 07:20	11/14/2024 15:04	SMM
							Certifications:			

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24K0918-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Analyzed by: Adirondack Environmental Services, Inc. SUB

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**5.6**		ng/L	0.5	1	EPA 1631E	11/14/2024 00:00	11/15/2024 00:00	
							Certifications:			

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **24K0918-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Analyzed by: Adirondack Environmental Services, Inc. SUB

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.8**		ng/L	0.5	1	EPA 1631E Certifications:	11/14/2024 00:00	11/15/2024 00:00	

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.077	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.072	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.11	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.054	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.051	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.13	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.071	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.097	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.068	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	2.1	20	1	EPA 624.1 Certifications:	11/14/2024 08:00 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/14/2024 18:14	PD
107-02-8	**Acrolein**	**3.1**	CCVE, QL-02, B	ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
71-43-2	Benzene	ND		ug/L	0.081	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
75-27-4	**Bromodichloromethane**	**1.2**		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24K0918-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND	QL-02	ug/L	0.075	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
74-83-9	Bromomethane	ND		ug/L	0.15	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.071	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
108-90-7	Chlorobenzene	ND		ug/L	0.062	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
75-00-3	Chloroethane	ND		ug/L	0.23	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
67-66-3	**Chloroform**	**7.0**		ug/L	0.042	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
74-87-3	Chloromethane	ND		ug/L	0.084	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
156-59-2	**cis-1,2-Dichloroethylene**	**1.2**		ug/L	0.11	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.075	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.10	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.031	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.4**		ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
75-09-2	Methylene chloride	ND		ug/L	0.13	2.0	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
127-18-4	**Tetrachloroethylene**	**2.7**	CCVE, QL-02	ug/L	0.054	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
108-88-3	**Toluene**	**0.53**		ug/L	0.059	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.050	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.065	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
79-01-6	**Trichloroethylene**	**1.8**		ug/L	0.12	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.089	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24K0918-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Volatile Organics, 624 List- Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:14	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*71-130*

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.74	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 18:43	SS
95-50-1	* 1,2-Dichlorobenzene	ND		ug/L	3.12	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43	SS
541-73-1	* 1,3-Dichlorobenzene	ND		ug/L	3.15	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43	SS
106-46-7	* 1,4-Dichlorobenzene	ND		ug/L	3.15	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.55	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 18:43	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.58	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 18:43	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	4.35	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 18:43	SS
91-57-6	* 2-Methylnaphthalene	ND		ug/L	2.76	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.24	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 18:43	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	0.847	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 18:43	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.47	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 18:43	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 18:43	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 18:43	SS

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24K0918-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/L	1.50	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
92-87-5	Benzidine	ND		ug/L	4.49	20.0	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-51-6	* Benzyl alcohol	ND		ug/L	1.45	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.68	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.45	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.27	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.74	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-66-2	Diethyl phthalate	ND		ug/L	1.70	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
131-11-3	Dimethyl phthalate	ND		ug/L	4.70	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.43	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24K0918-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.87	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.34	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
78-59-1	Isophorone	ND		ug/L	2.22	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.47	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.56	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 18:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*10.2 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*7.92 %*	S-08	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*9.84 %*	S-08	*30.7-106*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24K0918-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Polychlorinated Biphenyls (PCB)-608

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0571	1	EPA 608	11/17/2024 07:34	11/17/2024 19:47	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.0 %*	*30-120*

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1.19**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **24K0918-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**7.24**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	**Selenium**	**1.73**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**26.2**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.23**	M-BS	ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		ug/L	0.300	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.500	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**5.42**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**4.71**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**87.5**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24K0918-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.0701**		mg/L	0.0500	1	EPA 300.0	11/15/2024 00:48	11/15/2024 00:48	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Nitrite as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	11/15/2024 00:48	11/15/2024 00:48	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

Oil & Grease

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
OILGREASE	**Oil & Grease**	**0.909**		mg/L	0.505	1	EPA 1664A	11/15/2024 17:47	11/19/2024 16:54	JA
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7697-37-2	*** pH**	**7.84**	HT-pH	pH units	0.500	1	SM 4500 HB	11/14/2024 08:06	11/14/2024 15:34	LJM
							Certifications:	CTDOH-PH-0723		

Total Suspended Solids (EPA)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7732-18-5	*** Total Suspended Solids**	**57.5**		mg/L	5.00	1	EPA 160.2	11/14/2024 07:20	11/14/2024 15:04	SMM
							Certifications:			

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24K0918-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Analyzed by: Adirondack Environmental Services, Inc. SUB

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24K0918-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Analyzed by: Adirondack Environmental Services, Inc. SUB

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**3.7**		ng/L	0.5	1	EPA 1631E	11/14/2024 00:00	11/15/2024 00:00	
							Certifications:			

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.7**		ng/L	0.5	1	EPA 1631E	11/14/2024 00:00	11/15/2024 00:00	
							Certifications:			

Volatile Organics, 624 List- Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.077	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 18:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.072	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 18:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.11	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 18:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.054	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 18:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.051	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 18:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.13	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 18:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.071	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 18:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.097	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 18:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.068	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 18:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.088	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 18:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	2.1	20	1	EPA 624.1	11/14/2024 08:00	11/14/2024 18:40	PD
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24K0918-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	**Acrolein**	**3.0**	CCVE, QL-02, B	ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
71-43-2	Benzene	ND		ug/L	0.081	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
75-27-4	**Bromodichloromethane**	**1.0**		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
75-25-2	Bromoform	ND	QL-02	ug/L	0.075	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
74-83-9	**Bromomethane**	**0.20**	J, B	ug/L	0.15	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.071	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
108-90-7	Chlorobenzene	ND		ug/L	0.062	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
75-00-3	Chloroethane	ND		ug/L	0.23	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
67-66-3	**Chloroform**	**6.1**		ug/L	0.042	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
74-87-3	Chloromethane	ND		ug/L	0.084	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
156-59-2	**cis-1,2-Dichloroethylene**	**1.1**		ug/L	0.11	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.075	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.10	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.031	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.5**		ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
75-09-2	Methylene chloride	ND		ug/L	0.13	2.0	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
127-18-4	**Tetrachloroethylene**	**2.4**	CCVE, QL-02	ug/L	0.054	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
108-88-3	**Toluene**	**0.45**	J	ug/L	0.059	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24K0918-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Volatile Organics, 624 List- Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.050	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.065	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
79-01-6	**Trichloroethylene**	**1.7**		ug/L	0.12	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.089	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 18:40	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*71-130*

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.74	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
95-50-1	* 1,2-Dichlorobenzene	ND		ug/L	3.12	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52	SS
541-73-1	* 1,3-Dichlorobenzene	ND		ug/L	3.15	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52	SS
106-46-7	* 1,4-Dichlorobenzene	ND		ug/L	3.15	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.55	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.58	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	4.35	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
91-57-6	* 2-Methylnaphthalene	ND		ug/L	2.76	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.24	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24K0918-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	0.847	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.47	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
62-53-3	Aniline	ND		ug/L	1.50	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	11/21/2024 10:52	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
92-87-5	Benzidine	ND		ug/L	4.49	20.0	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
100-51-6	* Benzyl alcohol	ND		ug/L	1.45	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.68	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.45	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.27	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.74	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/21/2024 10:52	SS

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24K0918-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-66-2	Diethyl phthalate	ND		ug/L	1.70	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
131-11-3	Dimethyl phthalate	ND		ug/L	4.70	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.43	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.87	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.34	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
78-59-1	Isophorone	ND		ug/L	2.22	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.47	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.56	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24K0918-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications:	11/19/2024 08:13	11/21/2024 10:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.3 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.2 %*	*30.7-106*

Polychlorinated Biphenyls (PCB)-608

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0571	1	EPA 608 Certifications:	11/17/2024 07:34	11/17/2024 20:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	1	EPA 608 Certifications:	11/17/2024 07:34	11/17/2024 20:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	1	EPA 608 Certifications:	11/17/2024 07:34	11/17/2024 20:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	1	EPA 608 Certifications:	11/17/2024 07:34	11/17/2024 20:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	1	EPA 608 Certifications:	11/17/2024 07:34	11/17/2024 20:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	1	EPA 608 Certifications:	11/17/2024 07:34	11/17/2024 20:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	1	EPA 608 Certifications:	11/17/2024 07:34	11/17/2024 20:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0571	1	EPA 608 Certifications:	11/17/2024 07:34	11/17/2024 20:01	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.5 %*	*30-120*

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25	11/19/2024 19:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	cw

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 24K0918-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**1.76**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**4.26**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**25.9**		ug/L	1.11	1	EPA 200.8	11/18/2024 08:25	11/19/2024 19:16	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.45**	M-BS	ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		ug/L	0.300	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.500	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.04**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**7.82**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**1.96**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **24K0918-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**5.77**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**121**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.0756**		mg/L	0.0500	1	EPA 300.0	11/15/2024 00:58	11/15/2024 00:58	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Nitrite as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	11/15/2024 00:58	11/15/2024 00:58	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

Oil & Grease

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
OILGREASE	**Oil & Grease**	**1.02**		mg/L	0.510	1	EPA 1664A	11/15/2024 17:47	11/19/2024 16:54	JA
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7697-37-2	*** pH**	**7.94**	HT-pH	pH units	0.500	1	SM 4500 HB	11/14/2024 08:06	11/14/2024 15:34	LJM
							Certifications:	CTDOH-PH-0723		

Total Suspended Solids (EPA)

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **24K0918-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7732-18-5	*** Total Suspended Solids**	**12.0**		mg/L	5.00	1	EPA 160.2	11/14/2024 07:20	11/14/2024 15:04	SMM
							Certifications:			

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **24K0918-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Analyzed by: Adirondack Environmental Services, Inc. SUB

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**3.5**		ng/L	0.5	1	EPA 1631E	11/14/2024 00:00	11/15/2024 00:00	
							Certifications:			

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.8**		ng/L	0.5	1	EPA 1631E	11/14/2024 00:00	11/15/2024 00:00	
							Certifications:			

Volatile Organics, 624 List- Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.077	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 19:06	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.072	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 19:06	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.11	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 19:06	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.054	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 19:06	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.051	0.50	1	EPA 624.1	11/14/2024 08:00	11/14/2024 19:06	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **24K0918-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.13	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.071	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.097	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.068	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	2.1	20	1	EPA 624.1 Certifications:	11/14/2024 08:00 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/14/2024 19:06	PD
107-02-8	**Acrolein**	**3.3**	CCVE, QL-02, B	ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
71-43-2	Benzene	ND		ug/L	0.081	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
75-27-4	**Bromodichloromethane**	**0.78**		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
75-25-2	Bromoform	ND	QL-02	ug/L	0.075	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
74-83-9	Bromomethane	ND		ug/L	0.15	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.071	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
108-90-7	Chlorobenzene	ND		ug/L	0.062	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
75-00-3	Chloroethane	ND		ug/L	0.23	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
67-66-3	**Chloroform**	**4.6**		ug/L	0.042	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
74-87-3	Chloromethane	ND		ug/L	0.084	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
156-59-2	**cis-1,2-Dichloroethylene**	**1.3**		ug/L	0.11	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.075	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24K0918-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.10	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.031	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.7**		ug/L	0.20	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
75-09-2	Methylene chloride	ND		ug/L	0.13	2.0	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
127-18-4	**Tetrachloroethylene**	**2.9**	CCVE, QL-02	ug/L	0.054	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
108-88-3	**Toluene**	**0.35**	J	ug/L	0.059	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.050	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.065	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
79-01-6	**Trichloroethylene**	**1.9**		ug/L	0.12	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.089	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.088	0.50	1	EPA 624.1 Certifications:	11/14/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	11/14/2024 19:06	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*71-130*

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.74	5.00	1	EPA 625 Certifications:	11/19/2024 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/20/2024 19:42	SS
95-50-1	* 1,2-Dichlorobenzene	ND		ug/L	3.12	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 19:42	SS
541-73-1	* 1,3-Dichlorobenzene	ND		ug/L	3.15	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 19:42	SS

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24K0918-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	* 1,4-Dichlorobenzene	ND		ug/L	3.15	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 19:42	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.55	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.58	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	4.35	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
91-57-6	* 2-Methylnaphthalene	ND		ug/L	2.76	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 19:42	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.24	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	0.847	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.47	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
62-53-3	Aniline	ND		ug/L	1.50	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	11/19/2024 08:13	11/20/2024 19:42	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
92-87-5	Benzidine	ND		ug/L	4.49	20.0	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 08:13	11/20/2024 19:42	SS
100-51-6	* Benzyl alcohol	ND		ug/L	1.45	5.00	1	EPA 625 Certifications:	11/19/2024 08:13	11/20/2024 19:42	SS

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24K0918-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Log-in Notes:

Sample Notes:

Semi-Volatiles, EPA 625 List Low Level

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.68	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.45	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.27	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.74	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	1.70	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	4.70	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.43	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.87	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.34	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.22	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24K0918-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.47	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.56	5.00	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 625	11/19/2024 08:13	11/20/2024 19:42	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.7 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.7 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*44.8 %*	*30.7-106*

Polychlorinated Biphenyls (PCB)-608

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	1	EPA 608	11/17/2024 07:34	11/17/2024 20:14	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 608	11/17/2024 07:34	11/17/2024 20:14	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 608	11/17/2024 07:34	11/17/2024 20:14	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 608	11/17/2024 07:34	11/17/2024 20:14	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 608	11/17/2024 07:34	11/17/2024 20:14	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 608	11/17/2024 07:34	11/17/2024 20:14	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 608	11/17/2024 07:34	11/17/2024 20:14	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24K0918-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Polychlorinated Biphenyls (PCB)-608

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 608 Certifications:	11/17/2024 07:34	11/17/2024 20:14	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.0 %*	*30-120*

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 19:19	cw
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 19:19	cw
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 19:19	cw
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 19:19	cw
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 19:19	cw
7440-50-8	**Copper**	**1.75**		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/19/2024 19:19	cw
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 19:19	cw
7440-02-0	**Nickel**	**5.03**		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/19/2024 19:19	cw
7782-49-2	**Selenium**	**2.94**		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/19/2024 19:19	cw
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 19:19	cw
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/19/2024 19:19	cw
7440-66-6	**Zinc**	**30.3**		ug/L	1.11	1	EPA 200.8 Certifications:	11/18/2024 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	11/19/2024 19:19	cw

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24K0918-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.44**	M-BS	ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		ug/L	0.300	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.500	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**6.75**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**1.64**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**5.73**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**98.5**		ug/L	1.00	1	EPA 200.8	11/15/2024 08:26	11/19/2024 13:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.0734**		mg/L	0.0500	1	EPA 300.0	11/15/2024 01:09	11/15/2024 01:09	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Nitrite as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	11/15/2024 01:09	11/15/2024 01:09	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

Oil & Grease

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 24K0918-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0918	12096 Flatlands Avenue	Ground Water	November 13, 2024 8:00 am	11/13/2024

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
OILGREASE	Oil & Grease	ND		mg/L	0.510	1	EPA 1664A	11/15/2024 17:47	11/19/2024 16:54	JA
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7697-37-2	* pH	**7.83**	HT-pH	pH units	0.500	1	SM 4500 HB	11/14/2024 08:06	11/14/2024 15:34	LJM
							Certifications:	CTDOH-PH-0723		

Total Suspended Solids (EPA)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7732-18-5	* Total Suspended Solids	**56.5**		mg/L	5.00	1	EPA 160.2	11/14/2024 07:20	11/14/2024 15:04	SMM
							Certifications:			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24K0918-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K0918-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K0918-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K0918-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K0918-05	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K0918-06	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
Stratford, CT 06615 Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24K0918

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Cichetti Engineering	Company: Cichetti Engineering	Company: Cichetti Engineering	12096 Flatlands Avenue	RUSH - Next Day
Address: P.O. Box 195 Germantown, NY 12526	Address: P.O. Box 195 Germantown, NY 12526	Address:	YOUR Project Name: 12096 Flatlands Avenue	RUSH - Two Day
Phone.: 803-624-8118	Phone: 845-598-5018	Phone.:		RUSH - Three Day
Contact: R. Lemar Young	Contact: Matt Cichetti	Contact:		RUSH - Four Day
E-mail: permits@cichettiengineering.com	E-mail: Matt@cichettiengineering.com	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)
R. Lemar Young

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced | NYSDEC EQuIS
NY ASP B Package | Deliverables | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-1	GW	11/13/2024 8:00 AM	NYSDEC Reg. 2 Testing Parameters	(12)40ml w/HCL
MW-2				(6)250 ml p w/HNO3
MW-3				(12)1L Ambers H2SO4
MW-4				(6)500ml pl UP
MW-5				(6)250 ml pl UP
MW-6				(18) 1L Ambers UP
				(12)40ml vials UP

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other:

Special Instruction
Field Filtered ___
Lab to Filter ___

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Cichetti Engineering	11/13/2024				11/13/24 1700
2. Samples Received by / Company WFI 1700	Date/Time 11/13/24	3. Samples Relinquished by / Company WFI	Date/Time 11/13/24 08:00	3. Samples Received by / Company Afroz Wahib	Date/Time 11/13/24 1800
Samples Relinquished by / Company Afroz Wahib 11/13/24	Date/Time 21:25	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time 11/13/24 21:25

Temp. Received at Lab Degrees C: 5.5°C

York Analytical Laboratories, Inc.
Log-In Sample Chemical Preservation Record

Report Date and Time: 11/22/2024 1:08:45PM

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
24K0918-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	A				
24K0918-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	B				
24K0918-01	01_40mL 01_Clear Vial Cool to 4° C	C				
24K0918-01	01_40mL 01_Clear Vial Cool to 4° C	D				
24K0918-01	10_250mL Plastic Cool to 4° C	E				
24K0918-01	10_250mL Plastic pH <2 w/ HNO3	F				
24K0918-01	09_500mL Plastic Cool to 4° C	G				
24K0918-01	07_1000mL Amber Glass Cool to 4° C	H				
24K0918-01	07_1000mL Amber Glass Cool to 4° C	I				
24K0918-01	07_1000mL Amber Glass Cool to 4° C	J				
24K0918-01	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	K				
24K0918-01	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	L				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
24K0918-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	M				
24K0918-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	N				
24K0918-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	A				
24K0918-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	B				
24K0918-02	01_40mL 01_Clear Vial Cool to 4° C	C				
24K0918-02	01_40mL 01_Clear Vial Cool to 4° C	D				
24K0918-02	10_250mL Plastic Cool to 4° C	E				
24K0918-02	10_250mL Plastic pH <2 w/ HNO3	F				
24K0918-02	09_500mL Plastic Cool to 4° C	G				
24K0918-02	07_1000mL Amber Glass Cool to 4° C	H				
24K0918-02	07_1000mL Amber Glass Cool to 4° C	I				
24K0918-02	07_1000mL Amber Glass Cool to 4° C	J				
24K0918-02	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	K				
24K0918-02	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	L				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
24K0918-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	M				
24K0918-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	N				
24K0918-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	O				
24K0918-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	P				
24K0918-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	Q				
24K0918-03	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	A				
24K0918-03	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	B				
24K0918-03	01_40mL 01_Clear Vial Cool to 4° C	C				
24K0918-03	01_40mL 01_Clear Vial Cool to 4° C	D				
24K0918-03	10_250mL Plastic Cool to 4° C	E				
24K0918-03	10_250mL Plastic pH <2 w/ HNO3	F				
24K0918-03	09_500mL Plastic Cool to 4° C	G				
24K0918-03	07_1000mL Amber Glass Cool to 4° C	H				
24K0918-03	07_1000mL Amber Glass Cool to 4° C	I				
24K0918-03	07_1000mL Amber Glass Cool to 4° C	J				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
24K0918-03	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	K				
24K0918-03	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	L				
24K0918-03	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	M				
24K0918-03	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	N				
24K0918-04	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	A				
24K0918-04	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	B				
24K0918-04	01_40mL 01_Clear Vial Cool to 4° C	C				
24K0918-04	01_40mL 01_Clear Vial Cool to 4° C	D				
24K0918-04	10_250mL Plastic Cool to 4° C	E				
24K0918-04	10_250mL Plastic pH <2 w/ HNO3	F				
24K0918-04	09_500mL Plastic Cool to 4° C	G				
24K0918-04	07_1000mL Amber Glass Cool to 4° C	H				
24K0918-04	07_1000mL Amber Glass Cool to 4° C	I				
24K0918-04	07_1000mL Amber Glass Cool to 4° C	J				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
24K0918-04	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	K				
24K0918-04	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	L				
24K0918-04	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	M				
24K0918-04	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	N				
24K0918-05	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	A				
24K0918-05	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	B				
24K0918-05	01_40mL 01_Clear Vial Cool to 4° C	C				
24K0918-05	01_40mL 01_Clear Vial Cool to 4° C	D				
24K0918-05	10_250mL Plastic Cool to 4° C	E				
24K0918-05	10_250mL Plastic pH <2 w/ HNO3	F				
24K0918-05	09_500mL Plastic Cool to 4° C	G				
24K0918-05	07_1000mL Amber Glass Cool to 4° C	H				
24K0918-05	07_1000mL Amber Glass Cool to 4° C	I				
24K0918-05	07_1000mL Amber Glass Cool to 4° C	J				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
24K0918-05	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	K				
24K0918-05	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	L				
24K0918-05	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	M				
24K0918-05	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	N				
24K0918-06	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	A				
24K0918-06	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	B				
24K0918-06	01_40mL 01_Clear Vial Cool to 4° C	C				
24K0918-06	01_40mL 01_Clear Vial Cool to 4° C	D				
24K0918-06	10_250mL Plastic Cool to 4° C	E				
24K0918-06	10_250mL Plastic pH <2 w/ HNO3	F				
24K0918-06	09_500mL Plastic Cool to 4° C	G				
24K0918-06	07_1000mL Amber Glass Cool to 4° C	H				
24K0918-06	07_1000mL Amber Glass Cool to 4° C	I				
24K0918-06	07_1000mL Amber Glass Cool to 4° C	J				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
24K0918-06	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	K				
24K0918-06	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	L				
24K0918-06	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	M				
24K0918-06	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	N				

Technical Report

prepared for:

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

Report Date: 03/04/2025
Client Project ID: 12096 Flatlands Avenue
York Project (SDG) No.: 25B1215

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 03/04/2025
Client Project ID: 12096 Flatlands Avenue
York Project (SDG) No.: 25B1215

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 21, 2025 and listed below. The project was identified as your project: **12096 Flatlands Avenue**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25B1215-01	MW-1	Ground Water	02/21/2025	02/21/2025
25B1215-02	MW-2	Ground Water	02/21/2025	02/21/2025
25B1215-03	MW-3	Ground Water	02/21/2025	02/21/2025
25B1215-04	MW-4	Ground Water	02/21/2025	02/21/2025
25B1215-05	MW-5	Ground Water	02/21/2025	02/21/2025
25B1215-06	MW-6	Ground Water	02/21/2025	02/21/2025

General Notes for York Project (SDG) No.: 25B1215

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By:

Date: 03/04/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25B1215-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Analyzed by: Adirondack Environmental Services, Inc. SUB

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**19**		ng/L	0.5	1	EPA 1631E Certifications:	02/25/2025 16:53	02/25/2025 16:53	

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ng/L	0.5	1	EPA 1631E Certifications:	03/04/2025 19:34	03/04/2025 19:34	

VOA, 624 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25B1215-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-75-8	2-Chloroethylvinyl ether	ND	QL-02, CCVE	ug/L	20	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
107-02-8	Acrolein	ND	QL-02, CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
71-43-2	Benzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
75-25-2	Bromoform	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
75-00-3	Chloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
67-66-3	Chloroform	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
1634-04-4	*** Methyl tert-butyl ether (MTBE)**	**0.56**		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723	02/22/2025 14:46	PMB
75-09-2	Methylene chloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
127-18-4	Tetrachloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25B1215-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 14:46	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*71-130*

SVOA, 625 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:14	SS
95-50-1	* 1,2-Dichlorobenzene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 15:14	SS
541-73-1	* 1,3-Dichlorobenzene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 15:14	SS
106-46-7	* 1,4-Dichlorobenzene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 15:14	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:14	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:14	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:14	SS
91-57-6	* 2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 15:14	SS

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25B1215-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 LOW MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-53-3	Aniline	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-51-6	* Benzyl alcohol	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723		
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.300 %*	S-08	*19.7-63.1*

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25B1215-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13127-88-3	*Surrogate: SURR: Phenol-d6*	*0.100 %*	S-08		*10.1-41.7*					
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.4 %*	S-08		*50.2-113*					
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*34.7 %*	S-08		*39.9-105*					
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0400 %*	S-08		*39.3-151*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*28.6 %*	S-08		*30.7-106*					

SVOA, 625 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.0500**		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.120**		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 14:43	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25B1215-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 14:43	AAK
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 14:43	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 14:43	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 14:43	AAK
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 14:43	AAK
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/25/2025 14:43	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 14:43	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 14:43	AAK

PCB, 608 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:06	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:06	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:06	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:06	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:06	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:06	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:06	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 PADEP-68-04440	02/26/2025 01:06	NF

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **25B1215-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

PCB, 608 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.0 %*			*30-120*					
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.5 %*			*30-120*					

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.87**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**8.05**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND	M-CCV 1	ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**44.8**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**38.4**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:23	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:33	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.17**		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:33	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25B1215-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	0.300	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:33	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.500	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:33	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**6.63**	M-BS	ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:33	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**22.6**		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:33	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**5.51**	M-CCV 1	ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:33	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**43.4**		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:33	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:33	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:33	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:33	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**48.2**		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:33	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0	02/22/2025 01:19	02/22/2025 01:19	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	02/22/2025 01:19	02/22/2025 01:19	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

Oil & Grease

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 25B1215-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Oil & Grease

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
OILGREASE	Oil & Grease	ND		mg/L	0.515	1	EPA 1664A	02/24/2025 16:13	02/26/2025 15:39	JA
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7697-37-2	*** pH**	**7.08**	HT-pH	pH units	0.500	1	SM 4500 HB	02/24/2025 08:13	02/24/2025 15:44	LJM
							Certifications:	CTDOH-PH-0723		

Total Suspended Solids (EPA)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7732-18-5	*** Total Suspended Solids**	**102**		mg/L	5.00	1	EPA 160.2	02/25/2025 06:44	02/25/2025 13:11	SMM
							Certifications:			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25B1215-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Analyzed by: Adirondack Environmental Services, Inc. SUB

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**13.8**		ng/L	0.5	1	EPA 1631E	02/25/2025 05:01	02/25/2025 05:01	
							Certifications:			

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ng/L	0.5	1	EPA 1631E	03/04/2025 07:42	03/04/2025 07:42	
							Certifications:			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25B1215-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
110-75-8	2-Chloroethylvinyl ether	ND	CCVE, QL-02	ug/L	20	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
107-02-8	Acrolein	ND	QL-02, CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
71-43-2	Benzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
75-25-2	Bromoform	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25B1215-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
75-00-3	Chloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
67-66-3	Chloroform	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
1634-04-4	*** Methyl tert-butyl ether (MTBE)**	**0.56**		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723	02/22/2025 15:14	PMB
75-09-2	Methylene chloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
127-18-4	Tetrachloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
108-88-3	Toluene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:14	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*84-117*

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25B1215-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*71-130*					

SVOA, 625 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	* 1,2-Dichlorobenzene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723		
541-73-1	* 1,3-Dichlorobenzene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723		
106-46-7	* 1,4-Dichlorobenzene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	* 2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-53-3	Aniline	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-51-6	* Benzyl alcohol	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723		
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 15:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25B1215-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	SS
84-66-2	Diethyl phthalate	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	SS
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	SS
78-59-1	Isophorone	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/25/2025 15:44	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/25/2025 15:44	SS

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.180 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*1.38 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.2 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.1 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0400 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.6 %*		*30.7-106*

SVOA, 625 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:14	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:14	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:14	AAK

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25B1215-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 15:14	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25B1215-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

PCB, 608 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:19	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:19	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:19	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:19	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:19	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:19	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:19	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:19	NF
							Certifications:	PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.5 %*	*30-120*

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.90**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**15.6**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25B1215-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND	M-CCV 1	ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**45.4**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**35.2**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:27	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.39**		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		ug/L	0.300	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.500	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**24.7**	M-BS	ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**89.5**		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**16.5**	M-CCV 1	ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**54.8**		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**92.7**		ug/L	1.00	1	EPA 200.8	02/24/2025 14:11	02/25/2025 15:36	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 25B1215-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0	02/22/2025 01:28	02/22/2025 01:28	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Nitrite as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	02/22/2025 01:28	02/22/2025 01:28	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

Oil & Grease

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
OILGREASE	**Oil & Grease**	**0.918**		mg/L	0.510	1	EPA 1664A	02/24/2025 16:13	02/26/2025 15:39	JA
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7697-37-2	*** pH**	**7.16**	HT-pH	pH units	0.500	1	SM 4500 HB	02/24/2025 08:13	02/24/2025 15:44	LJM
							Certifications:	CTDOH-PH-0723		

Total Suspended Solids (EPA)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7732-18-5	*** Total Suspended Solids**	**215**		mg/L	6.67	1	EPA 160.2	02/25/2025 06:44	02/25/2025 13:11	SMM
							Certifications:			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25B1215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Analyzed by: Adirondack Environmental Services, Inc. SUB

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25B1215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Analyzed by: Adirondack Environmental Services, Inc. SUB

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**21**		ng/L	0.5	1	EPA 1631E Certifications:	02/25/2025 17:08	02/25/2025 17:08	

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ng/L	0.5	1	EPA 1631E Certifications:	03/04/2025 19:50	03/04/2025 19:50	

VOA, 624 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
110-75-8	2-Chloroethylvinyl ether	ND	CCVE, QL-02	ug/L	20	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25B1215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	CCVE, QL-02	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
71-43-2	Benzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
75-25-2	Bromoform	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
75-00-3	Chloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
67-66-3	Chloroform	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
1634-04-4	*** Methyl tert-butyl ether (MTBE)**	**0.55**		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723	02/22/2025 15:43	PMB
75-09-2	Methylene chloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
127-18-4	Tetrachloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
108-88-3	Toluene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25B1215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 15:43	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*71-130*

SVOA, 625 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
95-50-1	* 1,2-Dichlorobenzene	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 16:15	SS
541-73-1	* 1,3-Dichlorobenzene	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 16:15	SS
106-46-7	* 1,4-Dichlorobenzene	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 16:15	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
91-57-6	* 2-Methylnaphthalene	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 16:15	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25B1215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
62-53-3	Aniline	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	02/25/2025 16:15	SS
92-87-5	Benzidine	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
100-51-6	* Benzyl alcohol	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 16:15	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
84-66-2	Diethyl phthalate	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
131-11-3	Dimethyl phthalate	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
78-59-1	Isophorone	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/25/2025 16:15	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.71	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/25/2025 16:15	SS

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.160 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*1.30 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.0 %*		*50.2-113*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25B1215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.0 %*			*39.9-105*					
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	S-08		*39.3-151*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.7 %*			*30.7-106*					

SVOA, 625 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0914**		ug/L	0.0571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 15:44	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25B1215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	0.571	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	AAK
91-20-3	Naphthalene	ND		ug/L	0.0571	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	AAK
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.286	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	AAK
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/25/2025 15:44	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0571	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	AAK
129-00-0	Pyrene	ND		ug/L	0.0571	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 15:44	AAK

PCB, 608 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:33	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:33	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:33	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:33	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:33	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:33	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 01:33	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 PADEP-68-04440	02/26/2025 01:33	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.0 %*	*30-120*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25B1215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:30	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:30	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:30	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:30	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**1.95**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:30	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**14.2**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:30	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND	M-CCV 1	ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:30	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**41.2**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:30	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:30	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:30	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:30	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**26.4**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:30	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-38-2	**Arsenic**	**3.39**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND	M-BS	ug/L	0.300	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		ug/L	0.500	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**38.2**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25B1215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**81.6**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**16.2**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**53.9**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**74.7**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0	02/22/2025 01:36	02/22/2025 01:36	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Nitrite as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	02/22/2025 01:36	02/22/2025 01:36	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

Oil & Grease

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
OILGREASE	**Oil & Grease**	**0.619**		mg/L	0.515	1	EPA 1664A	02/24/2025 16:13	02/26/2025 15:39	JA
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 25B1215-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7697-37-2	* pH	7.12	HT-pH	pH units	0.500	1	SM 4500 HB	02/24/2025 08:13	02/24/2025 15:44	LJM
							Certifications:	CTDOH-PH-0723		

Total Suspended Solids (EPA)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7732-18-5	* Total Suspended Solids	435		mg/L	10.0	1	EPA 160.2	02/25/2025 06:44	02/25/2025 13:11	SMM
							Certifications:			

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25B1215-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Analyzed by: Adirondack Environmental Services, Inc. SUB

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	18.6		ng/L	0.5	1	EPA 1631E	02/25/2025 17:16	02/25/2025 17:16	
							Certifications:			

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ng/L	0.5	1	EPA 1631E	03/04/2025 07:57	03/04/2025 07:57	
							Certifications:			

VOA, 624 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.50	1	EPA 624.1	02/22/2025 08:00	02/22/2025 16:12	PMB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25B1215-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
110-75-8	2-Chloroethylvinyl ether	ND	QL-02, CCVE	ug/L	20	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
107-02-8	Acrolein	ND	QL-02, CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
71-43-2	Benzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
75-25-2	Bromoform	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
75-00-3	Chloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25B1215-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
1634-04-4	*** Methyl tert-butyl ether (MTBE)**	**0.52**		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723	02/22/2025 16:12	PMB
75-09-2	Methylene chloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
127-18-4	Tetrachloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
108-88-3	Toluene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:12	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.8 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*71-130*

SVOA, 625 LOW MASTER

Log-in Notes: **Sample Notes:** **EXT-EM**

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25B1215-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	* 1,2-Dichlorobenzene	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723		
541-73-1	* 1,3-Dichlorobenzene	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723		
106-46-7	* 1,4-Dichlorobenzene	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	* 2-Methylnaphthalene	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-53-3	Aniline	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-51-6	* Benzyl alcohol	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723		
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	5.88	1	EPA 625	02/25/2025 08:24	02/25/2025 16:44	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25B1215-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	5.88	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:44	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.88	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:44	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.88	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:44	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.88	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:44	SS
78-59-1	Isophorone	ND		ug/L	5.88	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:44	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.88	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/25/2025 16:44	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.88	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/25/2025 16:44	SS

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.160 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*1.38 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.2 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*47.9 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0200 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*47.7 %*		*30.7-106*

SVOA, 625 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	AAK
120-12-7	Anthracene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	AAK
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:15	AAK

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25B1215-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
118-74-1	Hexachlorobenzene	ND		ug/L	0.0235	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		ug/L	0.588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		ug/L	0.588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.294	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
85-01-8	Phenanthrene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		ug/L	0.0588	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 16:15	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

PCB, 608 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25B1215-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

PCB, 608 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:47	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 01:47	NF
							Certifications:	PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-120*

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.81**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**11.1**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25B1215-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND	M-CCV 1	ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**29.0**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**23.5**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:34	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.98**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND	M-BS	ug/L	0.300	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.500	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**18.5**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**80.2**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**15.8**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**35.2**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**69.5**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 25B1215-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0	02/22/2025 01:45	02/22/2025 01:45	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Nitrite as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	02/22/2025 01:45	02/22/2025 01:45	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

Oil & Grease

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
OILGREASE	Oil & Grease	ND		mg/L	0.510	1	EPA 1664A	02/24/2025 16:13	02/26/2025 15:39	JA
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7697-37-2	*** pH**	**7.30**	HT-pH	pH units	0.500	1	SM 4500 HB	02/25/2025 08:21	02/25/2025 14:13	LJM
							Certifications:	CTDOH-PH-0723		

Total Suspended Solids (EPA)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7732-18-5	*** Total Suspended Solids**	**301**		mg/L	6.67	1	EPA 160.2	02/25/2025 06:44	02/25/2025 13:11	SMM
							Certifications:			

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25B1215-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Analyzed by: Adirondack Environmental Services, Inc. SUB

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **25B1215-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Analyzed by: Adirondack Environmental Services, Inc. SUB

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**13.8**		ng/L	0.5	1	EPA 1631E Certifications:	02/25/2025 05:47	02/25/2025 05:47	

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ng/L	0.5	1	EPA 1631E Certifications:	03/04/2025 08:05	03/04/2025 08:05	

VOA, 624 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
110-75-8	2-Chloroethylvinyl ether	ND	CCVE, QL-02	ug/L	20	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25B1215-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	CCVE, QL-02	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
71-43-2	Benzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
75-25-2	Bromoform	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
75-00-3	Chloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
67-66-3	Chloroform	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
1634-04-4	* Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723	02/22/2025 16:40	PMB
75-09-2	Methylene chloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
127-18-4	Tetrachloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
108-88-3	Toluene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25B1215-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 16:40	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*71-130*

SVOA, 625 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 17:14	SS
95-50-1	* 1,2-Dichlorobenzene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 17:14	SS
541-73-1	* 1,3-Dichlorobenzene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 17:14	SS
106-46-7	* 1,4-Dichlorobenzene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 17:14	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 17:14	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 17:14	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 17:14	SS
91-57-6	* 2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723	02/25/2025 17:14	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	1	EPA 625 Certifications:	02/25/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 17:14	SS

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25B1215-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 LOW MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-53-3	Aniline	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-51-6	* Benzyl alcohol	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723		
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:14	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.200 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*1.38 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.6 %*		*50.2-113*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25B1215-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.4 %*			*39.9-105*					
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	S-08		*39.3-151*					
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.8 %*			*30.7-106*					

SVOA, 625 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 16:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25B1215-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:45	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:45	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:45	AAK
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:45	AAK
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/25/2025 16:45	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:45	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/25/2025 16:45	AAK

PCB, 608 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 02:01	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 02:01	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 02:01	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 02:01	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 02:01	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 02:01	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/26/2025 02:01	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 608.3 Certifications:	02/24/2025 08:33 PADEP-68-04440	02/26/2025 02:01	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*30-120*

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **25B1215-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.89**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**11.9**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND	M-CCV 1	ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**29.1**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**23.0**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:37	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.14**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND	M-BS	ug/L	0.300	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.500	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**21.5**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25B1215-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**79.0**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**16.0**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**35.9**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**71.8**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.0833**		mg/L	0.0500	1	EPA 300.0	02/22/2025 01:53	02/22/2025 01:53	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Nitrite as N

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	02/22/2025 01:53	02/22/2025 01:53	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

Oil & Grease

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
OILGREASE	Oil & Grease	ND		mg/L	0.505	1	EPA 1664A	02/24/2025 16:13	02/26/2025 15:39	JA
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 25B1215-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

pH

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7697-37-2	* pH	7.11	HT-pH	pH units	0.500	1	SM 4500 HB	02/24/2025 08:13	02/24/2025 15:44	LJM
							Certifications: CTDOH-PH-0723			

Total Suspended Solids (EPA)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7732-18-5	* Total Suspended Solids	215		mg/L	6.67	1	EPA 160.2	02/25/2025 06:44	02/25/2025 13:11	SMM
							Certifications:			

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25B1215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Analyzed by: Adirondack Environmental Services, Inc. SUB

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	5.7		ng/L	0.5	1	EPA 1631E	02/25/2025 05:54	02/25/2025 05:54	
							Certifications:			

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Default Preparation for Admin

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ng/L	0.5	1	EPA 1631E	03/04/2025 08:13	03/04/2025 08:13	
							Certifications:			

VOA, 624 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.50	1	EPA 624.1	02/22/2025 08:00	02/22/2025 17:09	PMB
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25B1215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
110-75-8	2-Chloroethylvinyl ether	ND	CCVE, QL-02	ug/L	20	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
107-02-8	Acrolein	ND	CCVE, QL-02	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
71-43-2	Benzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
75-25-2	Bromoform	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
75-00-3	Chloroethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25B1215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

VOA, 624 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
1634-04-4	* Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723	02/22/2025 17:09	PMB
75-09-2	Methylene chloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
127-18-4	Tetrachloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
108-88-3	Toluene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.50	1	EPA 624.1 Certifications:	02/22/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/22/2025 17:09	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*78-126*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*84-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*71-130*

SVOA, 625 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25B1215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	* 1,2-Dichlorobenzene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723		
541-73-1	* 1,3-Dichlorobenzene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723		
106-46-7	* 1,4-Dichlorobenzene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	* 2-Methylnaphthalene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-53-3	Aniline	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-51-6	* Benzyl alcohol	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723		
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25B1215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	1	EPA 625	02/25/2025 08:24	02/25/2025 17:45	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*0.180 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*1.30 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.0 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.1 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0200 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.8 %*		*30.7-106*

SVOA, 625 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 17:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 17:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 17:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 17:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 17:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 625 SIM	02/25/2025 08:29	02/25/2025 17:16	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25B1215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

SVOA, 625 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 625 SIM Certifications:	02/25/2025 08:29	02/25/2025 17:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK

PCB, 608 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25B1215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

PCB, 608 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 02:15	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 02:15	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 02:15	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 02:15	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 02:15	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 02:15	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 02:15	NF
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 608.3	02/24/2025 08:33	02/26/2025 02:15	NF
							Certifications:	PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.5 %*	*30-120*

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.16**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.98**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**10.5**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	Lead	ND	M-CCV 1	ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25B1215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Metals, Priority Pollutant-LL, Diss. - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**28.8**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	**Selenium**	**2.36**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	**Thallium**	**2.05**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**21.6**		ug/L	1.11	1	EPA 200.8	02/25/2025 15:40	02/26/2025 14:40	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Metals, Priority Pollutant-Low Level - EPA 200.8

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:21	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.38**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:21	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND	M-BS	ug/L	0.300	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:21	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.500	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:21	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**23.6**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:21	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**82.7**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:21	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**16.8**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:21	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**37.1**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:21	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:21	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:21	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:21	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**71.4**		ug/L	1.00	1	EPA 200.8	02/25/2025 15:24	02/26/2025 16:21	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Nitrate as N

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 25B1215-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25B1215	12096 Flatlands Avenue	Ground Water	February 21, 2025 8:00 am	02/21/2025

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0	02/22/2025 02:28	02/22/2025 02:28	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	02/22/2025 02:28	02/22/2025 02:28	DNP
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440		

Oil & Grease

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
OILGREASE	**Oil & Grease**	**0.947**		mg/L	0.526	1	EPA 1664A	02/24/2025 16:13	02/26/2025 15:39	JA
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7697-37-2	*** pH**	**7.09**	HT-pH	pH units	0.500	1	SM 4500 HB	02/24/2025 08:13	02/24/2025 15:44	LJM
							Certifications:	CTDOH-PH-0723		

Total Suspended Solids (EPA)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7732-18-5	*** Total Suspended Solids**	**427**		mg/L	6.67	1	EPA 160.2	02/25/2025 06:44	02/25/2025 13:11	SMM
							Certifications:			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25B1215-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25B1215-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25B1215-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25B1215-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25B1215-05	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25B1215-06	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVL	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
Stratford, CT 06615 Queens, NY 11418
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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 25B1215

YOUR Information	Report To:	Invoice To:
Company: Cichetti Engineering	Company: Cichetti Engineering	Company: Cichetti Engineering
Address: P.O. Box 195 Germantown, NY 12526	Address: P.O. Box 195 Germantown, NY 12526	Address:
Phone.: 803-624-8118	Phone: 845-598-5018	Phone.:
Contact: R. Lemar Young	Contact: Matt Cichetti	Contact:
E-mail: permits@cichettiengineering.com	E-mail: Matt@cichettiengineering.com	E-mail:

YOUR Project Number: 12096 Flatlands Avenue

YOUR Project Name: 12096 Flatlands Avenue

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)
R. Lemar Young

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)
Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced; Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-1	GW	2/21/2025 8:00	NYSDEC Reg. 2 Testing Parameters	(36)40ml w/HCL
MW-2				(6)250 ml p w/HNO3
MW-3				(6)500ml pl UP
MW-4				(6)250ml pl UP
MW-5				(18)1L Amber UP
MW-6				(12)1L H2SO4 Ambers
				(12)40ml Vial UP

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ____
Lab to Filter ____

1. Samples Relinquished by / Company: Cichetti Engineering	Date/Time: 2/21/2025	1. Samples Received by / Company: [illegible]	Date/Time: 2/21/25 12:12AM	2. Samples Relinquished by / Company: [illegible]	Date/Time: 2/21/25 17:00
2. Samples Received by / Company: [illegible]	Date/Time: 2/21/25 17:00	3. Samples Relinquished by / Company: [illegible]	Date/Time: 2/21/25 19:57	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by: [illegible]	Date/Time: 2/21/25 19:58

Temp. Received at Lab 2.6 Degrees C

York Analytical Laboratories, Inc.
Log-In Sample Chemical Preservation Record

Report Date and Time: 3/3/2025 6:44:21AM

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
25B1215-01	01_40mL 01_Clear Vial Cool to 4° C	A				
25B1215-01	01_40mL 01_Clear Vial Cool to 4° C	B				
25B1215-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	C				
25B1215-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	D				
25B1215-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	E				
25B1215-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	F				
25B1215-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	G				
25B1215-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	H				
25B1215-01	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	I				
25B1215-01	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	J				
25B1215-01	07_1000mL Amber Glass Cool to 4° C	K				
25B1215-01	07_1000mL Amber Glass Cool to 4° C	L				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
25B1215-01	07_1000mL Amber Glass Cool to 4° C	M				
25B1215-01	09_500mL Plastic Cool to 4° C	N				
25B1215-01	10_250mL Plastic Cool to 4° C	O				
25B1215-01	10_250mL Plastic pH <2 w/ HNO3	P	**Y**			
25B1215-01	10_250mL Plastic Cool to 4° C	Q				
25B1215-02	01_40mL 01_Clear Vial Cool to 4° C	A				
25B1215-02	01_40mL 01_Clear Vial Cool to 4° C	B				
25B1215-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	C				
25B1215-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	D				
25B1215-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	E				
25B1215-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	F				
25B1215-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	G				
25B1215-02	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	H				
25B1215-02	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	I				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
25B1215-02	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	J				
25B1215-02	07_1000mL Amber Glass Cool to 4° C	K				
25B1215-02	07_1000mL Amber Glass Cool to 4° C	L				
25B1215-02	07_1000mL Amber Glass Cool to 4° C	M				
25B1215-02	09_500mL Plastic Cool to 4° C	N				
25B1215-02	10_250mL Plastic Cool to 4° C	O				
25B1215-02	10_250mL Plastic pH <2 w/ HNO3	P	**Y**			
25B1215-02	10_250mL Plastic Cool to 4° C	Q				
25B1215-03	01_40mL 01_Clear Vial Cool to 4° C	A				
25B1215-03	01_40mL 01_Clear Vial Cool to 4° C	B				
25B1215-03	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	C				
25B1215-03	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	D				
25B1215-03	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	E				
25B1215-03	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	F				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
25B1215-03	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	G				
25B1215-03	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	H				
25B1215-03	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	I				
25B1215-03	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	J				
25B1215-03	07_1000mL Amber Glass Cool to 4° C	K				
25B1215-03	07_1000mL Amber Glass Cool to 4° C	L				
25B1215-03	07_1000mL Amber Glass Cool to 4° C	M				
25B1215-03	09_500mL Plastic Cool to 4° C	N				
25B1215-03	10_250mL Plastic Cool to 4° C	O				
25B1215-03	10_250mL Plastic pH <2 w/ HNO3	P	**Y**			
25B1215-03	10_250mL Plastic Cool to 4° C	Q				
25B1215-04	01_40mL 01_Clear Vial Cool to 4° C	A				
25B1215-04	01_40mL 01_Clear Vial Cool to 4° C	B				
25B1215-04	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	C				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
25B1215-04	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	D				
25B1215-04	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	E				
25B1215-04	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	F				
25B1215-04	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	G				
25B1215-04	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	H				
25B1215-04	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	I				
25B1215-04	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	J				
25B1215-04	07_1000mL Amber Glass Cool to 4° C	K				
25B1215-04	07_1000mL Amber Glass Cool to 4° C	L				
25B1215-04	07_1000mL Amber Glass Cool to 4° C	M				
25B1215-04	09_500mL Plastic Cool to 4° C	N				
25B1215-04	10_250mL Plastic Cool to 4° C	O				
25B1215-04	10_250mL Plastic pH <2 w/ HNO3	P	**Y**			
25B1215-04	10_250mL Plastic Cool to 4° C	Q				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
25B1215-05	01_40mL 01_Clear Vial Cool to 4° C	A				
25B1215-05	01_40mL 01_Clear Vial Cool to 4° C	B				
25B1215-05	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	C				
25B1215-05	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	D				
25B1215-05	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	E				
25B1215-05	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	F				
25B1215-05	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	G				
25B1215-05	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	H				
25B1215-05	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	I				
25B1215-05	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	J				
25B1215-05	07_1000mL Amber Glass Cool to 4° C	K				
25B1215-05	07_1000mL Amber Glass Cool to 4° C	L				
25B1215-05	07_1000mL Amber Glass Cool to 4° C	M				
25B1215-05	09_500mL Plastic Cool to 4° C	N				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
25B1215-05	10_250mL Plastic Cool to 4° C	O				
25B1215-05	10_250mL Plastic pH <2 w/ HNO3	P	**Y**			
25B1215-05	10_250mL Plastic Cool to 4° C	Q				
25B1215-06	01_40mL 01_Clear Vial Cool to 4° C	A				
25B1215-06	01_40mL 01_Clear Vial Cool to 4° C	B				
25B1215-06	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	C				
25B1215-06	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	D				
25B1215-06	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	E				
25B1215-06	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	F				
25B1215-06	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	G				
25B1215-06	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	H				
25B1215-06	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	I				
25B1215-06	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	J				
25B1215-06	07_1000mL Amber Glass Cool to 4° C	K				

Lab ID	Container Received by Log-In	Container ID	Acid Pres. Confirmed, pH<2	Alk. Pres. Confirmed, pH>9	Res. Cl Chkd and ND	Res. Cl Found/Treated
25B1215-06	07_1000mL Amber Glass Cool to 4° C	L				
25B1215-06	07_1000mL Amber Glass Cool to 4° C	M				
25B1215-06	09_500mL Plastic Cool to 4° C	N				
25B1215-06	10_250mL Plastic Cool to 4° C	O				
25B1215-06	10_250mL Plastic pH <2 w/ HNO3	P	**Y**			
25B1215-06	10_250mL Plastic Cool to 4° C	Q				

APPENDIX S

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